A Bibliography of Publications about \textit{PVM (Parallel Virtual Machine)} and \textit{MPI (Message Passing Interface)}

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

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\textbf{Title word cross-reference}

+ [BDV03, Cha02, HDB+13, Lee12]. 0
[ICC02]. 1 [ICC02, LRQ01, VDL+15].
$19.95$ [Ano95b]. 2
[Bha98, BAS13, CGU12, ES11, KRKS11, KO14, WMRR17, WRMR19]. $24.95$
[Ano95c]. $27.50$ [Ano96a]. 3 [And98, BCL00, BAS13, CP15, DYN+06, EFR+05, GCN+13, HF14a, HF14b, JR10, KO14, KD13, KHS01, KLR16, MSZG17, NSM12, SSS99, SH14, TPD15, WR01, YSL+12]. $35$
[An00a, An00b]. $35.00$
[KA13]. $80$ [An00a, An00b]. 3 [PBC+01].
A [ARYT17]. $\alpha$ [JMdvG+17]. $Ax = b$

[BG95]. $D$ [UZC+12], $H^2/H^\infty$ [GWC95]. $k$
[She95, TK16]. $M^3$ [JSH+05]. PVM$^+$
[Wil94]. $N$
[IHM05, Per99, Rol08b, SP99, SRK+12].
$SU(3)$ [BW12]. $\tau$ [RGDM15, RGDM16].
XY [KO14].

-\textbf{body} [IHM05, Per99, SP99, SRK+12]. -D
[DYN+06, SSS99, SH14, Bha98, ES11, KHS01, NSM12]. -\textbf{Dimensional} [LRQ01].
-\textbf{Lop} [RGDM15, RGDM16]. -\textbf{Means}
[TK16]. -\textbf{Queens} [Rol08b]. -\textbf{set} [She95].
-\textbf{stable} [JMdvG+17].

. [Wil94].

/\textbf{Fortran} [TBG+02]. /\textbf{many} [KSG13].
/OpenMP [VDL+15].


Across [NE98, AL96, CZ95b]. \textit{ACSCI} [Van95]. \textbf{Active} [CSAGR98, Pla02, SKH96]. \textbf{Activities} [MS97, CMV'+94]. \textit{activity} [Vet02]. \textbf{Ad} [IBC'+10, ITT02]. \textbf{Ad-Hoc} [IBC'+10]. \textbf{Ada} [Ton96, KP96, Ton96]. \textbf{Adam} [Ano95b]. \textbf{Adaptable} [SPH'+18, BCM'+16]. \textbf{Adaptation} [WST95]. \textbf{Adapted} [Uhl95a]. \textbf{Adapting} [VFD02]. \textbf{Adaptive} [Ano94b, BCMR00, BKdSH01, Bir94, CKO'+94, FSC'+11, HWX'+13, KK98, KT02, LFL11, MKC'+12, MBES94, MRB17, MAGR01, OKW95, Ran05, RA90, SHM'+12, SZG00, SS09, STY99, Sta95a, TMW17, ZSG12, BDP'+10, CLSP07, DLR94, EZBA16, EASS95, IDS16, LCL'+12, SLGZ99, TCBV10, Was95a, Wi94, FSC'+11]. \textbf{Adaptive-CoMPI} [FSC'+11]. \textbf{Adas} [HNC'+18]. \textbf{Adding} [CB00, GRV01, PSM'+14]. \textbf{Address} [SS01, DO96]. \textbf{addresses} [CGL'+93]. \textbf{ADDT} [SR96]. \textbf{ADI} [Sch01]. \textbf{adjacent} [Kan12]. \textbf{adjust [RMNN+12]. \textbf{Adjusting} [GSNL02]. \textbf{ADOL} [BK08]. \textbf{ADOL-C} [BK08]. \textbf{adoption} [CMV'+94]. \textbf{Adsmith} [LKL96]. \textbf{Advanced} [Ano98, Ano00a, D'95, Gei96, Gei97, GLT99, GLT00b, GLT00a, GLT12, KG93, SSAS12, TG94, Ben95]. \textbf{Advances} [Bha93, BBH+08, CHD07, CDND11, KGRD10, KKD04, LKD08, LK10, MTDW06, RWD09, TBD12, AD98, BC14, BDW97, CD01, DDK05, DLM99, DKP00, DLO03, HPS'+12, Kra02, HPS'+13, IEE97a]. \textbf{Advection} [AKK'+94, CT94a, TC94, CT94b]. \textbf{Advection-Chemistry} [AKK'+94]. \textbf{Aerospace} [MAB05]. \textbf{Affine} [DINM+12]. \textbf{Affinity} [ETWaM12, AGG'+95, NAAL01]. \textbf{Affordable} [Ro94]. \textbf{against} [GH12]. \textbf{Age} [MDS09, Ano94f, GLJT11, HK95]. \textbf{AGEB} [SAS01]. \textbf{Agent} [Mat01b, MCB05, ZWZ'+95]. \textbf{agent-based} [MCA05]. \textbf{agents} [KBA02]. \textbf{Aging} [LRB15]. \textbf{Aging-Aware} [LRB15].
AIMS [Yan94]. Air [AKK+94, BZ97, MPD04, MSML10, BTC+17, SH94, Syd94]. airspace [TCP15]. Aix [GA96, Ano01a]. Aix-les-Bains [GA96]. Al [Ano95b]. Alamos [Old02]. Albuquerque [IEE91, IEE95d]. ALDY [GS96]. ALE [HAA+11]. Algebra [BDT08, CDD+13, Coo95b, IS16, MGMH97, Neu94, van97, BKvH+14, Cal94, Coo95a, PMZM16, dCH93]. Algebraic [CGPR98, Lev95]. Algorithm [ACMR14, BST+13, BP99, BT01b, DYN+06, FJBB+00, HA10, HD02b, ITT02, MW98, PKD95, PB12, RMDB99, SASO1, Sch96a, SWH15, Sta95b, TK16, WHDB05, ART17, AAAA16, ARL+94, AD95, BB95, BAV08, BY12, BCM+16, CUC95, CT13, CSW99, GM94, GCN+13, GKL+09, GP95, HWS09, IM95, JR13, KDS01, KY10, KWEF18, Kan12, KBP16, KN17, KO14, Kom15, KRC17, LYZ13, MM92, MLVS16, MK00, NB96, NA99, OKW95, OMK09, PGBF+07, PSLT99, Ram07, RJC95, RAGJ95, Sch96b, SOA11, Sur95a, TNB17, Was95a, YULMTS+17, ZSK15, ZWL+17, dH94, van93, HWS90, LTDD14, Riz17, SMSW06]. Algorithm-based [PKD95]. Algorithm-Dependant [BP99]. algorithmic [RJDH14]. Algorithms [ACM95b, ATC94, ADRCT98, ASA97, CCSM97, DADL81, DAK89, DK06, FB94, GAMR00, GK10, HO14, HHK94, IEE96d, KK02a, LHM96, L96, LAD16, MTSS94, MGMH97, MBS15, Nar95, Pet97, PBK00, SG15, VRS00, AK99, AL92, BHJ96, BMS+17, BID95, DDLM95, FR95, FP92, GWC95, H1L1, HPLT99, HKOO11, HS95b, J0u94, JRM+94, KL95, KRG13, LFL11, LNW+12, MTK16, MJG+12, NP12, Ols95, PP16, Pan95b, PBK99, PD11, PCS94, RHG+96, SPE95, Sur95b, TSZC94, WCVR96, YLZ13]. alias [SOA11]. alias-free [SOA11]. aligned [AGIS94]. Aligners [SM+16]. Alignment [dOSMM+16, AMHC11]. all-port [RJMC93]. All-to-All [LZH17, LZH18, Träö2b]. Allocation [AGS97, BS01, DGG+12, RFHR96]. alloy [TG94]. ALM [PZ12]. Altera [RGB+18, TK16]. Alternative [EM94, SWH05, Träö12a, EKTB99]. ALWAN [HB96a, HB96b, MSB97]. Amazon [SL+11]. AMBER [SL95]. AMBER4 [VM95]. American [Ara95]. AMIP [Gat95]. Among [CB16]. AMPI [ZH06]. AN2 [HBT95]. analogue [WWZ+96]. analyses [ANS95]. Analysis [BHW+17, BR02, BGG+02, BBC+17, BD98, CGLD01, EML00, FJ01, FJK+17, Hol12, J9F5, KL94, KN02, KR93, L1C91, MK17, M1C01, NA+96, NS+14, OS94, PZ12, PGAB+05, SPL+12, SBR95, SN01, TFGM02, W04, WM01, BB93, BBH14, BBH+15, C979, DIDG17, EPP+17, GR95, GFB+14, GKS+11, GE95, GE96, GT07, JB96, LC07, LLG12, LL16, LBH12, MB+94, MM96, MLA+14, MJ9B16, Pat93, PHJM11, PGAB+07, SCSCP13, 9S94, SS94, SDJ17, SPF95, Sh94, SL96, SWL+01, SSG95, T0C99, TW12, TFZI12, UH95a, UH95c, VM94, YC1L4]. analytical [BHW+12, HK09, JS13, KN17]. Analyzer [JJPL17, KKM15]. Analyzers [Ano01a]. Analyzing [BRU05, DF17, FM09, HG12, HcF05, PFG97]. anasslich [Ano94c]. Anatomy [KWEF18]. Andrew [Ano99c, Ano99d]. animal [LM99]. anisotropic [LB+16, SS+16, YSVM+16]. 'Annai [CEF+95]. Annapolis [IEE96c]. Annealing [FH97]. Annecy [VW92]. Anniversary [Ano92, Ano93f]. annotated [GGH99]. Annotation [MGA+17]. announcement [WRMR19]. Announcements [Ano98]. Annual [ACM95b, Ano93b, Ano94h, IEE95b, USE95, Van95, Y+93, ACM95a, Eng00, IEE94e, IEE95]. Ant [ITT02]. ante [Ano03].
antenna [DSOF11]. Anthony [Ano95c, Ano00b]. Antonio [Ano95d, IEE95g, IEE97c]. Any [Gro02a, Mar07]. AP [PBC01, SMTW96]. AP/ [SMTW96]. AP1000 [SH96, IM94, SWJ95]. AP3000 [TD99]. API [DM98, LPD11]. APIs [WCS13]. APOLLO [Sta95b]. APOLLO-II [Sta95b]. Appendix [Ano01a]. Appendixes [Ano01a]. APPL [AB93b, AB93a]. Application [AKE00, BSN95, BGdS09, BS07, BFM97, BBI+15, Cha02, CRGM14, DFMD94, FDG97a, FDG97b, FSC11, GB98, HT08, JFY00, JCH+08, KNT02, LD01, LMRG14, Mal01, MTSS94, MBB12, NSLV16, NS16, PSSS01, Ritz17, SBF+04, ST02a, SCL97, UT02, ABC+00, ADMV05, ADR+05, BvdB94, BFL99, BL97, BMPS03, CBYG18, CRM14, CRGM16, EPML99, FMFM15, GWVP+14, HTJ+16, HZ96, KME09, LSG12, LCMG17, MMW96, MM03, MLA+14, MvWL+10, NMW93, RBA17, Rol+08b, SM12, SCJH19, SSS99, SFSV13, SL00, TCP15, Wor96, ZZZ+15, CG99a]. application-centric [SFSV13]. Application-Level [CRMG14, LMRG14, SBF+04, SCL97, BMPS03, CRM14, CRGM16, LCMG17]. Applications [APJ+16, AGS97, Ano89, Ano96c, AGZ17, BCLN97, Ben18, BHV12, BBI+06, BRU05, BFMT96b, BF5BW01, CGS15, CBL10, CGLD01, Cha05, CJNW95, CRGM14, Cot08, CTK00, Cot04, Cza02, Cza03, DW02, DLM+17, DERC01, DHK97, DGFG97, DGMJ93, EV01, EML00, FLD98, FD00, FGRD01, Fer92, FK95, Fin00, FO05, FM09, GKP97, GK10, HM909, Hus98, IEE951, ITT02, Jes93b, JLP17, KB98, KBS04, KGK+03, KKP01, KIK02b, Kuh98, La01, LAdS+15, LRG14, LKCCW07, LMRG14, dLRO4, MSOGR01, MS02a, Mar02, Mat01b, MAB05, MC98, MG15, MANR09, PSM+14, Rei01, RPM+08, RBB15, RRBL01, SPL+12, SG12, SPH+18, SC04, SSB+17, TTSY00, TFGM02, VdS00, VY02, Vos03, Wa96a, WC09, Wis96a, WSN99, WBNH97, WM01, dGJM94, ACH+11, ACJ12, Ano93a, Ano94f, Ano03, Ara95, Arn95, AGM06]. applications [BKHH+13, BR04, BDV03, BAG17, BFM96, BFM96a, CGK+16, CBGS+15, CDMS15, CLSP07, CBM+08, CJ+10, CFP09, CCHW03, CCM+06, CSW69, D+95, DCH02, EKT99, EGH99, EDSV09, FE17, FNSW99, FCS+12, Fin94, Fin95, FF95, GBR15, GS02, GHD12, GMJM18, GS96, GHH+93, HZ90, HAJK01, JC17, JPT94, LGM17, LCMG17, LZYH19, LS08, MA09, MBKM12, MLC04, MSM15, MS96b, NSR7, NC+12, NFG+10, PK05, PTL+16, Rab99, RS95, RGGP+18, SJLM14, SPE95, SBG+12, SDJ17, SHG12, SG05, SLCG95, SB01, SD16, TMC09, TBB12, TPLY18, Vet02, Wis96b, Wa92, WM14, XLW+09, YZ14, ZLZ+11, BP93, TDBEE11, ATC94]. Applied [FGRD01, HC06, KaMa10, GF+18, HMKV94, MM92, NF94, PGK+10, DMW96, Was96]. Approach [AZG17, BMH94, BJ93, BHNW01, CRGM14, CD98, DLM+17, FFP03, GCBL12, HD00, KBA02, KK02a, KmWH10, LGM00, Ma06, PPR01, Pet00a, Pet00b, RGD13, Ros13, TJPF12, BK11, Bis04, BTC+17, CLY16, CDP99, CRGM16, DN96, EO15, FMS15, HDB+13, JS13, KPL+12, KSSS07, KJEM12, LSG12, MGG05, MS99b, NEM17, OW92, SVC+11, SEC15, TWFO09, WO09]. Approaches [JCH+08, Ney00, SWHP05, SM02, BFL99, CB11, PS00b]. Approximate [Hue96, MM02, GGC+07, GG09, MM03]. Approximation [SLJ+14, SJLM14]. April [ANS95, AH95, Ano93h, Ano94h, CH96, DR94, GH94, Ham95a, IEE92, IEE93b, IEE95f, IEE96e, IEE97b, IE05, LCHS96, MC94, Nar95, Sie94, SW91, Ten95]. APS
[WBSC17]. automation [Ano93a].
automotive [Ano93a, Ano93a].
Autotuning [BAG17]. Auxiliary
[STMK97]. Available [Bak98, BF98].
Avoidance [CRGM14]. AVTP [FHC+95].
award [Str94]. Awards [Str94]. Aware
[APJ+16, BHP+03, Ben18, EGR15,
GFIS+18, HVA+16, LRBG15, MJB15,
Pan14, ZLP17, CGH+14, GHZ12, HJYC10,
HG12, JKN+13, KGB16, MBBD13,
MSMC15, SHM+12, SPK+12, WRSY16].
awareness [HK09, VGS14]. AXAF [NH95].

B [Ano01a]. Back [BIC+10]. Backend
[IOK00]. backtracking [PGdCJ+18].
Backup [Gua16]. Bains [GA96]. Balance
[HE02]. balanced [EZA16]. Balancing
[BKdSH01, DBA97, DI02, DK06, GCBL12,
MM02, PT01, Pus95, ST97, Wal01a, Bir94,
BS05, DZ96, DLR94, Dvlvs94, DR95,
FMBM96, FH97, Hum95, JH97, MM03,
NP94, SGS95, SY95]. Balatonfured
[DKP00]. balls [BBH+15]. Baltimore
[IEE02, SPH95]. Bamboo [NCB+12].
banded [DG95]. Bandwidth [NE01, RK01].
Bangalore [Kum94, PBPT95]. Barbara
[ACM95b, AH95, IEE95f]. Barcelona
[DLM99]. BARRACUDA [EPP+17].
Barrier [CLdJ+15, SDB+16, YLZ13].
Based
[Ada97, AHD12, AAB+17, AP96, BHW+17,
BDG+91b, BoFBW00, CAM12, CGC+02,
CLOL18, CLF+99, CPFDM03, DW02,
DBK+09, FSC+11, FC05, For95, FSLS98,
GSxx, HF14a, HF14b, HM01, Hus00, KLR16,
LSLZ02, LZH18, KlL1, LWP04, LAF15,
MDMI7, MGL+17, MMH98, NSL16, NE01,
NHT02, NPS12, PPT96a, PCY14, PFG97,
PSSS01, RDBM09, SPL+12, SM03, Smi93a,
ST02b, ST97, SJK+17a, SJK+17b, THS+15,
TD98, WTTT17, WC09, WZH16, Wis96a,
WM01, WJB14, YG96, YTH+12, ZWJK05,
Ada98, AASB08, AAAA16, AVA+16, Ano03,
BLPP13, BDG+92a, BCH+03, Bri95,
BFMT96a, CwCW+11, CC10, CKmWH16,
CRM14, CXB+12, DX96, FE17, FFB99,
FJZ+14, FNSW99, FSTG99, FLPG18,
FFFC99, FWS+17, GS91a, GS92, GKS+11,
Gra97, Gra09, GFGP12, HZ94, HWX+13,
IM95, ITT99, JLM+17, KLV15,
KLP+12, KPNM16]. based
[LV12, LRF01, LKL96, LNW+12, LGG16,
LM+15, MYB16, MMO+16, MKP+96,
MGB05, MTT96, MS99a, MS99b, MFPP03,
Nev94, NHT06, OLG+16, OP98, PARB14,
PES99, PPT96b, PK05, PAdS+17, PGK+10,
PSHL11, PKDK95, PSK+10, PSLT99, Qu95,
Rag96, SLM14, SS09, SG05, SSS99, SZ11,
SVC+11, SSL96, SKB+14, Sto98, Str96,
SLN+12, TBB12, TY14, TBD96, TWFO09,
TMPJ01, WO09, WTF014, Wis96b, WCS99,
YC98, YL09, YWC11, YSL+12, ZAFAM16,
ZLP17, ZHK06, ZZZ+14, ZWZ+95, vHKS94,
BFMT96b, FH97, KSJ95, WAS95b, FO94,
GK97, KSJ96, PY95, Sut96, TSSC94,
ZPLS96]. Basel [Ano94]. Basic
[PGC02, BKvH+14, BR94]. basierte
[Gra97]. Basis [OMK09, RB01]. Bath
[BP93]. Bayesian [Fer10]. BC [IEE95].
BCS [FFP03]. BCS-MPI [FFP03]. be
[CB00]. Beach [IEE93]. beam
[OIH10, RFC95]. bearings [NF94].
Beguelin [Ano95]. Behavior [BFM97,
DCP03, Rost13, LLG12, PPF99, YMY11].
behaviour [EPML99]. Beijing
[CSS+08, LLHM96, Li96]. Beitrag
[Ano94c]. Belgium [LCH95]. Benard
[TVV96]. Benchmark
[BWV+12, DS16, HC10, Lss99, M102,
MBB+12, RSPM98, RTH00, SGI+03,
Tr12b, UTY02, Ano03, BKM95, DWM12,
D95, DHS96, Mlo3, MWL+10, PH JM11,
Roe1, RST02, War96, YSYW14].
Benchmarking [GC05, HCA16, LCY96,
MMU99, MCM05, WRA02, RST02].
Benchmarks
[CRes99, KS96, KAC02, MM07, NA01, RK01,
TSB02, TSB03, WAS95b, ZSNH01, CDD+96,
Benevolent [CB00]. Benefit [SBG+12]. Benefits [LB16, PSM+14, SIRP17].

Benefits-profile [Wil94].

Benefiziertreffens [Ano94c]. Beowulf [CMM03, Ste00, UP01]. Beowulf-Class [Ste00]. Berlin [PW95]. Bessel [KT10]. Betriebssystemkern [Sei99]. Better [Str94]. Between [AA0+17, BS07, ASS+17, AKE00, BID95, GFV99, JAT97, LDC97, MSP93]. Beverly [IEE93f]. Beyond [Gei93a, GKPS97, Gei98, Gro12, OhU14, Gei93b, LSG12, Sch93, SHM+10].

Biconjugate [GFPG12]. bidirectional [HE15]. Big [CLO18, GTS+15, LIK14, VPS17, ASS+17, Str94]. Biharmonic [RB01]. Bill [Ano99c, Ano99d]. billion [KTJ03]. Billions [MRB17]. binary [CG03, EPP+17, SGS95, TCBV10].

binary-level [EPP+17]. binary-splitting [TCBV10]. Binding [CL00, Coo95b, MG97, Coo95a]. Bindings [Ano98, VGRS16]. Bioinformatics [BBH12]. Biological [CNM11, VBB18, BA06]. Biomolecular [BCGL97, PZKK02]. BIP [CDP99, Tou00].


BLASTP [LSMW11]. Blaze [PWPD19]. Blaze-Tasks [PWPD19]. Block [DDPR97, SMM+16, WO95, ZB97, ADDR95, DR18, GP95, HKMCS94, HC08, WO96].

Block-Cyclic [DDPR97, WO95, HKMCS94, HC08, WO96]. block-tridiagonal [DR18]. Blocking [FH98, BCI+08, HKT+12, NAK03, HTA08]. Blood [Pat93]. Blue [KMH+14, AAC+05, BGH+05, EFR+05, LM13, MV17, MSW+05].

blurred [Wil94]. BMC [CC99]. bodies [AGIS94, LHLK10]. Body [RB01, RTRG+07, IHM05, NS16, Per99, SP99, SRK+12, ADB94]. BOF [Mat00a].

Boltzmann [OTK15, CGK+16, MS95, Pri14, SJK+17a, SJK+17b]. Bonn [MTW06]. Book [Ano95b, Ano95c, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b, Che10, Mar06, Nag05, Per97, SD13, VOG13, Vre04, YM97].

books [YM97, Nov95]. Boosting [LRG14, SOF95]. Boston [IEE94e]. Both [BD12, KP96].

Bottleneck [MWG97]. bottlenecks [DSG17, JKH08]. Boulevard [ACM99]. Bound [ASA07, MBKM12, ADMV05]. boundaries [KGB+09]. boundary [PTT94, SBQZ14, SP11, SD99].

boundary-value [SP11]. bounded [MDSAS+18, PAD+17]. BowMapCL [NTR16]. Box [JR13, JPP95].

Box-counting [JR13]. brackets [GSMK17].

Braga [IEE96g]. Branch [ASA07, ADMV05]. Breaking [OS97].

breast [Str94]. Brest [IEE94e]. Bridge [VDL+15]. Bridges [DSS00]. Bridging [ACM04, AAB+17, ASS+17].

Bringing [FKKC96]. Brisbane [ACDR94, Nar95]. Bristol [MC94]. British [IEE95a, IEE95e].

Broadband [OIS+06, CLASPDP99]. Broadcast [PSM+14, YSP+05, MTK16].

Broadcasts [SE02]. Brownian [SKM15].

Bruijn [PG18]. Brussels [LCHS96]. BSGP [HZG08].

BSP [Mar06, BIS04, GRMR99, Mar09, ROH00].

BSP2OMP [Mar09]. BT [WT11, WT12].

Budapest [FK95, KKD04]. Buffer [SEF+16, TSN07]. buffers [MR96]. Build [HRS197].

Building [FD04, Gei01, Gro02a, LBD+96, LVP04, WAD99, AM95, HS95b].

M12, PW95, Sur95b, Kos95b].

Bulk [Cer99, DLRR99, HZG08, TNIB17].

bulk-synchronous [HZG08]. Burrows [NTR16]. Burst [SEF+16]. BUS [ITT99].

BUSTER [XWZ99]. Butterfly [ST17].

Butterfly-Patterned [ST17].
Charm [ZHK06]. Charts [DSS00]. Check [MC17, LCC]+03. checkerboard [BW12]. Checking [CGZQ13, Gro00, HMK09, LCC]+03, MdSAS+18, PAdS+17, RAS16, SMAC08, YYW+12. Checkpoint [SSB+05, SBF+04, CRM14, ZWZ05, ZHK06, BDB+13]. checkpoint-based [CRM14, ZHK06]. Checkpoint-on-Failure [BDB+13]. Checkpoint-Recovery [SBF+04]. Checkpoint/Restart [SSB+05]. Checkpointing [DCH02, LMRG14, SSB+05, TSS00b, BMPS03, BCH+08, CG96, LCMG17, PKD95, SSCC95, Ste96]. chemical [NMW93]. Chemistry [AKK94, BR95a, DMW96, SSGF00]. Chemkin [Ano97, Bra97]. CHEMPI [RR01]. Chicago [CGKM11]. China [CGZ+08, IEE97a, LHHM96, Li96]. Chip [Jes93b, URKG12, TDG13, dCZG06]. Cholesky [DG95, LC97b]. Chromosome [BM97, dOSMM+16]. Chromosome-Wide [dOSMM+16]. CICADA [MK94]. Circuit [WPC07, Bj95]. Circuits [GJN97]. Circular [Tsu07]. Circulation [GAM+02, Nes10, RSBT95]. CIS [AH00]. citation [Squ03]. City [Ho12]. civil [PW95]. CL [BHW+12, BBH+15, LW95]. CL-PVM [LW95]. CLARRAY [ZT17]. clarified [WBBD15]. CLAS [DZDR95]. Class [DFN12, Ste00, Dem96, MSL96, RFH+95]. Classes [DeP03, GG09, Ott93]. classic [HL17]. Classical [BCLG97]. Classification [SNN+19, TPLY18]. clauses [WC15]. Clemson [ACM95a]. Client [Ano93f, FSLS98, KS97, kLCCW07, Mat01b, Sch93, Sto98, Vis95]. Client-Agent-Server [Mat01b]. Client/Server [FSLS98, Sto98, Vis95]. Client-Side [kLCCW07]. Client/Server [Ano93f, Sch93]. climate [Str94]. CLIPS [Ano95a, Ano95e]. cMAGMA [CDD+13]. clock [NB96]. clocks [TPLY18]. CLOMP [BGdS09]. clone [ZWL+17]. Closer [HCZ16]. Closure [CGPR98, KH15, PPR01]. Cloud [SIS17, URKG12, ZLZ+11, ZLP17, GFIS+18, GHZ12, GWVP+14]. Cluster [AUR01, BKG02, BL95, BM97, CRE99, CMM03, HD02a, ES11, GGGC99, Gei94, Gei00, GSN+01, GT01, GC05, HD02b, ITKT00, ID94, KHH03, KS96, KS01, KHS01, LR01, MFTB95, MM01, NO02b, OF00, PFG97, RB01, ST06, RLL01, SCR92, SHHI01, SHT01, ST02a, TOTH99, Trä02b, YCA18, bT01a, AL93, BL9P3, BALU95, BTC+17, BID95, CCF+94, Cou93, ED94, GKF97, GmU95, Heb93, KEGM10, KO14, Kom15, LC07, Liu95, MW93, MM03, NO02a, PDY14, RJDH14, SS94, SR95, ST02b, SLS96, SY95, SSN94, Tho94, THM+94, Tsu95, UH96, YWO95, ZLZ+11, MS04]. cluster-based [SLS96]. Cluster-enabled [SHHI01]. clustered [KHB+99]. Clustering [BBH12, HA10, RJC95, GGL+08, YCL14]. Clusters [MS04]. Clusters [AH00, AHHP17, BDH+95, BDH+97, BFW+12, CLOL18, CSC96, DK06, GDM18, GMdMBD+07, GSY+13, HPP02, HSWM94, HVA+16, Hus00, JNL+15, LCG97a, LI95, LPV04, MS98, MFPP03, Pan14, PKB01, PT01, PUS00a, Pus95, Rei01, dOSMM+16, SFG98, Svl99, Ste00, Tou00, UP01, WLN03, WT12, YWCF15, YKI+96, AB95, ALR94, ADB94, ABG+96, ADMV05, BWT96, BDV03, Br95, CRe01, EKTB99, GFB95, HCL05, Hus09, JJKHK08, Jon96, JR10, JRM+94, KLY03, KLY05, KSL+12, KJEM12, LBD+96, Lec12, LLC13, LL95, LKYS04, NMW93, NN95, PS07, PRS+14, PM95, PR94c, PRS16, PL96, RCF096, RGDM16, Slo05, SC96a, SL95, TFZZ12, WLN06, WLYC12, YST08, YL09, YHL11, YWC11, ZHS99, dCH93]. CM [SBB+02]. CMMD [Har94, Har95]. CMPI [GHZ12]. CMS [FMS15]. CNF [IKM+01, IKM+02]. CO [ACM01, AHHP17, GDM18, HJ98, PSB+19, TOC18, Wal02]. co-array [TOC18, Wal02]. Co-designing [AHHP17].
co-execution [PSB+19]. Co-Expression
[GBR98, YMBMCB14]. Co-arrays
[SMCH15].
Coarse [ADRC98, IOK00, KOI01, LGM00,
NIO+02, NIO+03, Heb93, RJC95].
Coarse-Grain [IOK00], coarse-grained
[Heb93, RJC95]. coarsening [PSLT99].
Coast [IS16]. Coastal [GAM+02].
CoCheck [MS96b, Ste96]. Code
[AHP01, And98, BCGL97, CB00, CP97,
CC12, CCBPGA15, DDL00, DZDR95,
HE02, KaM10, KAMAMA17, KH01, LD01,
MS02b, MM07, PBC+01, RGD13, SM03,
SZBS95a, Sta95b, TGB95, AMS94, ADB94,
AF95, BCAD06, BADC07, BW12, Bha98,
Br95, Cott93, DLR94, EZBA16, FFM15,
GSMK17, Heb93, JIM+05, JL18, KPL+12,
KH10, MGS+15, MRH+96, MW095,
PKE+10, PSK+10, RP95, SZBS95b, SK00,
SFLD15, SMSG06, TB06, VBLG08,
VDL+15, Wor96, YL09]. codebooks
[PMM05]. Codes [FAD15, JFY00, SWH15,
HTJ+16, HWS09, HASnP00, JPP95,
KBG+09, LRW01, Mal01, OL+16, WB96].
Coding [UhI94, UhI95b, SCC96].
Coefficients [MW98, ARY17]. cognitive
[PWD+12]. Coherence [MM07]. Coherent
[SS01]. Collaborative [DCPF12, DCPF14].
Collapse [PKY95]. Collecting [BMR01].
Collection [LTRA02, DH95, MGC+15].
collection-oriented [MGC+15].
Collections [JGFR12]. Collective
[BIL99, BIC05, CCA00, FVD00, FCLG07,
FPY08, GLB00, GMMDMB+07, Hus99,
KH96, MIG+12, PGAB+05, SG15, TRG05,
VD02, WRA02, HS12, HMS+19, HG12,
HW07, KH93, KBHA94, KMH+14,
MBBD13, Pan95b, PGBF+07, PGAB+07,
RJMC93, SCB94, SCB15, SS99, TD99,
TräI2a, TFZ12]. Collectives
[CSW12, SlL99, Zah12]. Collector
[GS+15, WK08a, WK08e, WK08b].
College [AGH+95, Ano94h]. Collision
[QRM96, Sta95b, ART17, FFFC99,
LHLK10]. Collocative [MKW11]. Colony
[ITT02]. Colorado [R+92, IEE05]. Colt
[WN10]. Columbia
[IEE95a, IEE95e, MAB05]. column
[HSP+13]. column-stores [HSP+13].
COMA [GB96]. Combined
[CBHH94, TJPF12]. Combining
[DP94, Rab98, SCB14, Sch96a, SMAC08,
YPAE09, Bor99, Sch96b]. comes [Ano96].
Coming [HK05]. Commands [OLG01].
comments [Str94]. commerce [Ano96].
commercial [Ano93a]. commodity
[GGL+]. Common
[HEH98, DK13, WL10]. Communicating
[FFK+96b, GMPD98, FFK96a].
Communication
[ABF+17, BCG+19, BIL99, BIC05, DCPF12,
DZYY94, EM02, FST98a, FJ+17, FGK07,
FBSN01, GFD03, GFB+03, GGS99, GFV99,
GL00, GC05, HB96b, HC01, HDB+12,
HC06, HIP02, KB98, KV98, KBG16, LRT07,
LC93, LCVD94a, MH01, MM98, MR96,
Nnt00, PLK+04, RK01, RRGM97, RS06,
SWHP05, SCP97, SGH12, SBG+02, SJ02,
ST02b, SGL+00, SKH96, Sum12, TRG05,
TGT05, TRH00, TräI2a, UMK97, WBH97,
XH96, YC98, ZSG12, FH98, BJ96,
BVML12, BBH+13b, BS94, BMG07,
CAHT17, CGL+93, Dem96, DWM12,
DCPF14, DGB+14, DBB+16, DS96b, GK97,
G913, Gra97, GL94, GB94, HB96a,
HWX+13, Hus99, HWW97, KH96, KB01,
KYL03, KYL05, KH93, LR06b, LFL11,
MLAV10, MMU99, MAB96, OGM+16,
Pan95b, Par93, PKG+10, PM95, PKE+10,
PSK+10, PS00b, SH14, SC95].
communication
[TG09, TräI2a, Vet02, Wu99, WMP14].
communication-based [PGK+10].
Communication-buffers [MR96].
Communication/Computation [HIP02].
Communications [BPS01, CP98, CDH95,
CD+95, FVD00, FST98b, GT01, GBS+07,
GMMDMB+07, IEE95b, IEE95e, LHZ17,
Communicators [DFKS01, GFD03, GFD05, FKS96, GJMM18, KH96, MJG12].

communities [ACM04].

Community [BHW17, FCP01]. Como [CLM95].

COMOPS [Luo99].

Compact [Uhl94, Uhl95b, Wor96]. compaction [VSW+13, WK08a, WK08b, WK08c].

Compactly [KLR16]. Comparative [KB98, PSK08, SN01, AGR+95b, ED94, YCL14].

Comparing [BF01, Fin97, GBR15, ICC02, LKJ03, ORA12, SS95, WBSC17].

Comparison [BvdB94, BS07, HC10, KBM97, LCW+03, Mat94, Mat95, Ney00, OP10, OF00, PPJ01, Pok96, RBB97a, SS01, SHH94b, VS00, Wal02, Zbd12, Ahm97, AB93b, BLP93, BID95, GMU95, Har94, Har95, JS13, KDSO12, KC06, MSP93, Ols95, PS07, PSHL11, Pri14, SdM10, SYR+09, SWS+12, SHH94a, TOC18, TSZC94].

comparision-based [PSHL11].

Comparisons [GGS99, PGC02, CLYC16].


Compile/run-time [TSY99]. compiled [KYL03, KLY05]. Compiler [Ano98, Dan12, IOK00, KSS00, KSSH01, MB12, Mar09, MKW11, SSE12, SKS01, TJFP12, TBG+02, TGBS05, BAG17, HEHC09, LME09, LHC+07, LLC15, MA09, Miül03, PP16, RKBA+13, SHHI01, THH+05].

Compilers [Ano01a, CFF+94, LZ97, MKV+01, SBT04, SS96, Hos12, PBG+95, ZT17]. Compiling [DMB16, Hos12, CGK11]. Complete [Bds07, GHL+98, Nag05, Per97, SOHL+98, YM97, Ano99a, Ano99c, Ano99b, Ano99d, PRS+14, SOHL+96]. Completed [PTT94]. Complex [BCGL97, GMPD98, MBS15]. Complexity [NPS12]. component [HLP10, KRKS11, Squ03]. Components [BT01b, CT02, Fin00, Gro02a, Lus00, Wis01, LRW01]. Composable [MLGW18].

Composed [We94]. Composing [PHA10]. composite [MALM95, YPA94].

Compositing [GPC+11]. Composition [CTK00, Cot04, DLB07, FC05, KH15, CFP96]. compound [LLC13, SAP16].

comprehensive [RST02]. Compression [FSC+11, KB04, VPS17, AAAA16, HE15, UH96, Wu99]. compression-based [AAA16]. COMPSAC [IEE95].

Compton [BCD96]. Computation [BKGS02, B+05, Cer99, DSM94, DSS00, EMO*93, ESM*94, Fer10, FF95, GS91b, HIP02, IEE94a, IEE96c, KS15, Mar06, MR12, MSCW95, Nag05, PPR01, Sie92a, Sie92b, SME93, WTH17, ACM97a, ABDP15, Bis04, BALU95, Bos96, BHKR95, CL93, CMH99, CKP+93, DZZY94, HLM+17, HK94, KB01, KHSB19, KJJ+16, KG93, Lev95, MLAV10, Neu94, NZZ94, NCKB12, PF05, PKE+10, Röh00, Shi94, SH14, TBB12, TPD15, TW12, Vol93, Wan97, Was96, SM07].

computation-communication [SH14].

Computational [ALR94, CMM03, DFMD94, JFY90, KH15, Liv00, MBS15, R+92, SZBS95a, SM07, SN01, TDBEE11, TEGM09, WPH94, Whi04, AGM06, Bvbd94, BDG+92c, BR95a, HVSC11, KBG+93, DZZY94, HLM+17, HK94, KB01, KHSB19, KJJ+16, KG93, Lev95, MLAV10, Neu94, NZZ94, NCKB12, PF05, PKE+10, Röh00, Shi94, SH14, TBB12, TPD15, TW12, Vol93, Wan97, Was96, SM07].

computationally [DFN12].

Computations [AGH*95, AGCR97, CGU12, CGPR98, IH04, PBK00, PMvdG+13, WJ12, ANS95, AASB08, BL99, CG93, DMW96, EGDK92, HJYC10, KD13,
MRRP11, MR96, Smi93b, SAP16, TS12b. Compute [DBK+09, KKL+11, ZLZ+11]. computed [FWS+17, SSS99]. Computer [ACM06a, Ano94a, GTH96, IEE95i, IEE96h, IEE97c, IS16, KCR+17, Neurf4, Old02, PSB+94, ST02a, Sum12, Ten95, URKG12, YTH+12, BN09, BS94, BKML95, BFM96, Cal94, CLM+95, GRTZ10, JWB96, Str94]. Computer-Assisted [GTH96]. Computers [Ano89, BP99, BCL00, DGMJ93, FFP03, GC05, IEE95b, IEE95e, ITKT00, LF+93a, MFTB95, PSZ E00, SPM+10, SS96, BvdB94, BB93, BBK+94, DLR94, Duv92, ESB13, GFB95, KOS+95a, LRO6a, MMB+94, NF94, POL99, PBK99, Wal94a, Wal94b]. Computing [ACM97b, ACM98b, ACM00, ACM01, ACM04, ACM06b, ACDR94, AIM97, BJ93, BBG+95, BBG+93a, BGR97a, BL95, BCP+97, BRST94, BDH+95, BDH+97, BHWN01, BBH12, C95a, CBG+10, CLL03, COL18, CNC10, Cze16, DDS+94, DERC01, DPP01, DKM+92, DGMS93, DT94, FTVB00, Fer98b, FGKT97, Fos98, FS93, GLN+08, G92, Gei93a, GBD+94, GSxx, Gei00, GN95, GL97a, GT94, Gua16, Hol12, HT01, IEE92, IEE93d, IEE93c, IEE94g, IEE95c, IEE95k, IEE95i, IEE96a, IEE96f, IFi95, KKO2a, KS97, LCK11, LRG14, LC93, LR01, Lus00, dFMBldlFM02, ME17, Mat94, Mat95, MS04, Nov95, PKW95, PR94b, PWPD19, SHTS01, SCSL12, Sin93, SSS97, Ste00, SGS10, SW91, Sin90a, Sun90b, Sun92, Sun93, Sun94a, Ten95, VV95, VW92, WN10, Y96, YC96, AGCdT02, ARY17, AL92, AH95, ASCS95, Ano93h, Ano94e, Ano94h]."
[Sch96a, Sch96b]. **CRAY-T3E** [Che99].
D [And98, DY+16, SSS09, SH14, VDL+15, Bha98, BCL00, Bri95, BMP29a, BAS13, CGU12, CP15, EFR+05, ES11, GCN+13, HF14a, HF14b, JBI5, KRKS11, KO14, KD13, KHS01, LRM+15, WMRR17, WR10, YSL+12, vHKS94]. D-CICADA [MK94]. DAC [Cao02, Cao03]. Daemon [MB02]. Dagum [Stp02]. DampVM/DAC [Cao02, Cao03]. DAMPS [CD98]. Dangers [ACP+97]. DaRel [KN95]. Data [AJF16, BMR01, BGD+10, BGD12, CKnWH16, COL18, DERC01, Din96].
EGR15, EASS95, GTS+15, GB98, GMPD98, Gua16, HA10, HB96b, HC06, JDB+14, KA13, LK14, LDJK13, MV17, Man01, MK17, ME17, MGA+17, MJB15, NJ01, NFP+00b, NFP+00c, NA01, NLRH07, PCY14, Rei01, SGH12, SPK96, SR96, Str12, THS+15, WO95, Wel94, ZDR01, ZG95b, AB95, AS9+17, AG9+95, BK11, Beu95, BR12, BID95, CFKL00, CGK11, CGL+93, DRUC12, EP96, FB97, Fan98, FVLS15, FME+12, FKK+96b, FWS+17, GE95, GE96, HB96a, HC08, JB96, JCP15, JE95, JPOJ12, KJJ+16, KRG13, LOHA01, LF93a, LL16, MA09, MB99, MMM13, MR96, NCB+12, NCB+17, NPP+00a, OPP00, PDY14, RJM93, SJLM14, SS999, SPH95, SK92, TW12, WO96, WLK+18, YCL14, YWO95, ZRQA11.

data-centered [JPOJ12].
data-Driven [ME17, NCB+12, NCB+17].
Data-Intensive [Rei01].
Data-Parallel [AJF16, GB98, CKmWH16, SPK96, CGL+93, FKK+96b, MMB+94, MR96, SK92].
data-parallelism [BR12].
data-privatization [KRG13].
Data-Structures [GMPD98].
Databank [FCP+01].
Database [AR01, BFZ97, EK97, MWG97, MM14, PPT96a, MN91, PPT96b, PPT96c, PMZM16].
Databases [RGB+18, BA06, Bos96, ZWL13].
Dataflow [DT17, CSPM+96].
Datasets [VPS17, KGB+09].
Datatype [Gro00, SWHP05, KHS12].
Datatypes [JDB+14, RTH00, SGH12, Tha98, CAHT17, THRZ99].
Dave [Stp02].
David [Ano96a, Ano99a, Ano99b, Nag05].
DawnCC [MGA+17].
DAWNING [HWM02].
DAWNING-3000 [HWM02].
Day [IS16].
dlx [NE98, NE01].
DC [B+05, IEE94b, IEE95k].
DCE [Sch93, FLD96, RS93, Sch93].
DDL [FB97].
Deadlock [LZC+02, SG12, HPS+12, HPS+13].
Deadlocks [FJK+17].
Debugger [WCS99].

Debugger [HM01, NE01, CH94, CG99b, MT96, XWZS96].

Debuggers [Ano01a].

Debugging [BDGS93, GKP96, KKV01, KV98, Mor95, NE98, Wis97, ZLL+12, BL97, BS96a, DKF93, HLOC96, KCD97, MLA+14].

December [Bil95, Eng00, HHK94, IEE96a, KHS12, NM95, PBPT95, Y+93].

Decimation [PCY14].

decoder [MC17].

Decomposition [BJS97, CP97, EGH+14, DBVF01, ET94, OM90, SHHC18].

decompositions [NZ94].

deconfliction [TCP15].

Dedicated [WLN03, Hus99, WLN06].

Deep [AHHP17, SEC15].

Defined [GAML01].

Deformable [STK08].

Deforming [GAP97].
degree [CT13].
degrees [KTJT03].

Delegation [YTH+12].

Delegation-Based [YTH+12].

Delft [DSZ94].

Delivering [Hus98].

Delphi [ACGd02].

Demand [CTK00].

Denmark [DW94, DM96, Was96].

Dense [AKL16, BDT08, CDD+13, Fuj08, Hog13, PMvdG+13, ZBd12, BRR99].

Densities [MW98].

Density [BL95, MC17, CBHH94, ZWH95].

Denver [ACM01, IEE05, R+92].

Dependable [GM95].

Dependant [BP99].

Dependence [LAdS+15].

Dependency [PPR01].

Dependent [DFA+09, HO14, MFTB95, DM12, LBB+16, LY+16, ON12, SSB+16, TV96, YPA94, YSM+16, YSMA+17].

DEPICT [HM01].

Deploying [PBK01, CLLASPDP99].

depth [SSS99].

Derivation [GB98].

Derived [JDB+14, RTH00, SWHP05, Tha98, CAHT17, Jou94, THRZ99].

Descent [Sch01].

description [TKP15].

descriptors [LNW+12].

Design [AS92].

Derived [AS92, AAC+05, Ano01b, ACD+09, BCD+15, BBH+13b, BS96b, BMR02, BRM03, CLP+99, ETW12, FD02a, FFP03, G09, HW96, JSH+05, KV96, kLCC+06, kL11, LVP04, Man94, MMSW02, NPS12, OFA+15, Pan14,
PLK⁺04, PCS94, SBG⁺02, SWY94, SSL97, SPK⁺12, Sun12, THM⁺94, USE94, VGRS16, BRC91, CARB10, CSS95, DS96b, FDO2b, GL94, GkLyCY97, KA95, LC07, MAS06, OA17, PGK⁺10, PTW99, SL94b, Sep93, SL96, SSD⁺94, SWL⁺01, Wal94a, Wal94b.  

design-pattern [MAS06].  designed [BSH15].  Designing [GKZ12, LAD16, SWHP05, SH14, WYL12, ZLP17, AHH17, DSOF11, Pan95b].  Designs [HVA⁺16, AAAA16, MC17, Shi94].  desktop [Mar07].  Detailed [DLV16, RSPM98, BTC⁺17, LR06b].  detect [Str94].  Detecting [AGG⁺95, PPJ01, ZQA11].  Detection [BHWH⁺17, CSW12, CBL10, CFMR95, DMMV97, EML98, FME⁺12, HCH⁺18, KJS14, SG12, ZDD97, BBH⁺15, DKK94a, HDG90, HGMW12, HPS⁺12, HPS⁺13, LZZ⁺02, RAGJ95, TCP15, TGD13, TWF099, WFO14, YUL08⁺17].  Detector [DZDR95].  Determination [LAFA15].  Determine [BP99].  Deterministic [CFMR95, DK02, ZLL⁺12].  Develop [PD08].  Developer [IEE96i].  developers [Str94].  Developing [BFZ97, CCSSM97, Cot98, DDLM95, Reu03].  Development [AC17, An01a, BDG⁺91b, BR95c, CHPP01, Cha02, Cot97, Cza02, DeP03, PS01a, SK00, SB01, TBD96, TDREE11, ARvW03, ABC⁺00, BL97, BDG⁺92a, DSS94, DPH97, KCD⁺97, LLC13, MMW96, PES99, SM12, TBB12, ZLL06, Se99].  Developments [Mat00a].  device [KKL01, LS10, SBQZ14, YWTCC15].  Devices [GNJ97, ZBDW18].  DFβ [WWZ⁺96].  DFβ [RS93].  Diagnosis [AP96, LA⁺15].  diagnostic [RSBT95].  dictionary [LSSZ15].  Diego [Has95, LF⁺93a, NM95].  Difference [UCZ⁺12, GFP12, HE13, NZZ94, NB96, Pri14, Ram07, Str94, VM94].  Differences [AKE00, LDCZ97].  Different [AIM97, GL97b, JCH⁺08, Ney00, Rab98, RBB97a, BN00, PY95].  Differential [MFTB95, Riz17, JK10, NF94, RBB15, SP11].  Differentiating [Cer99].  Differentiation [BBH⁺08, BSGK08, GdGM96].  Diffusion [HF14a, HF14b, MW98, CE9S07, DM93, MM92].  Digest [IEE93a, IEE95c].  Digit [DALD18, LAD16].  Digital [KLR16, CJ10⁺].  Dijon [YH96].  Dimemas [GLB00].  Dimensional [Car07, GA96, HD02b, KD12, LRQ01, MW98, SJK⁺17a, SJK⁺17b, AL93, KT02, LSS15, 0lbs, PR94c, Ram07, RG18].  Dimensions [SAS01, An03a, HP11].  dipolar [LBB⁺16, LYSS⁺16].  DIPORSI [GGCG01].  DipSystem [Spl99].  Direct [Bri10, GPC⁺17, LB98, WJB14, BCM⁺16, Gra09, HWS09, MM11, SWH15].  direction [BDG⁺93b].  Directions [FI95, FK94, FHP⁺95, Sun96].  directive [LI12, NO02a, YL09].  directive-based [LI12, YL09].  directive/MPI [NO02a].  Directives [BBG⁺01, BK00, CCBPA15, JFY00, LOHA01, VG014].  directory [JCP15].  Discovering [FJK⁺17].  discovery [BK11, GWVP⁺14].  Discrete [ST17].  diskless [PKD95].  Disks [dfFM/BdfFM02].  Dispersion [RS⁺05].  Displacement [BJS97, PSSS01].  Dissemination [GL97a].  Distance [MR12].  Distances [LAFA15].  Distributed [AG97, An95c, BMS⁺17, BME02, BGR97a, BL95, Bha93, B95, BRST94, BT01b, BHKR95, CGB⁺10, CLL03, CSW97, C99, DMB16, DAB87, DFM94, DFG97, DHHW92, DHHW93a, EMO⁺93, ESM⁺94, FH95, Fan98, FTVB00, FK01, FoS98, FS93, FFF99, GCCM99, GCGO01, GCGS08, GCBM97, GWC95, GM95, HJ98, HC10, HRSA97, IEE93d, IEE93e, IEE94d, IEE94g, IEE95h, IEE95k, IEE95i, IEE95j, IEE96b, IEE96g, IEE96f, IEE05, JML01, KBA02, KP96, KDL⁺95b, KL95, KK02b, KSHS01, LC93, LHD⁺94, LHD⁺95, MC18, MZK93,
MB12, MFTB95, MSCW95, Mat95, MBE03, NSBR07, NZZ94, NH95, Pen95, PKYW95, Pet00a, Pet00b, PTT94, PMM95, PBK00, PD98, PmvdG+13, RGD97, Sch94, SA93, SMOE93, SW91, Sun90a, TSS00, THN00, Will93, WO97, WCS99, YH96, ZDD97, ZDR01, AMBG93, AGR+95b, AB95].

distributed
[Ano94e, Arn95, ADMV05, BSC99, BB95, Bir94, BMPZ94a, CBPP02, CH94, CEF+95, CBHH94, CLLASPDP99, CPR+95, CK99, DLR94, DR94, DHHW93b, DR95, EGH99, FB97, FS95, FS98, FHC+95, FHB+13, GBR97, GCN+10, GKK09, GkLyCY97, GP95, HPY+93, HHA95, IEE97a, JW96, KN95, KSG+13, KJJ+16, KDL+95a, LR60b, LFS93a, LFS93b, LH98, LKL96, Liu95, Maf94, MVT69, Man98, MLC04, NA99, OLG+16, PK05, POL99, Par93, PR94c, RAGC95, RFH+95, SSH08, SHH01, SL94b, Sch93, SFL+94, SSC96, SPL99, Smi93b, SD99, TSP95, THM+94, Uhl95a, VM94, VB99, Vet02, Vis95, Wal94a, Wal94b, WPL95, Wan97, YLC16, YW90, YX95, YPZC95, YZPC95, ZL96, ZGC94, ZHS99, Pet01].
distributed-data [FB97].

Distributed-Memory
[CSW97, CCF99, KN95, SHH08].
distributed-shared [ADMV05].

Distributing [AL92]. Distribution
[HB69a, MB15, NNP+00b, NNP+00c, NA01, SR96, AGG+95, CSW99, GS96, HB96a, JMDIVG+17, KRC17, NNP+00a, RJMC93, Will94].

Distributions
[ST17, WO95, HKMCS94, WO96, vHKS94].

Divergence
[SdS813, vSW+13].
diversity [EO15].

Divide
[CTK01, Cza02, Cza03].

Divide-and-Conquer
[CTK01, Cza02, Cza03].

DMMP [BB93].

DMPI [HWM02, ZL+12]. DNA [PGF18].

DNAml [CDZ+98]. DNMR [SR11].

docking [ESB13, ZWL13]. Document
[MSMK16, AD95]. Documentation

[BDG±xx]. Documents [Ano98]. does

[KC94]. dog [LK14]. Domain

[BMR01, CP97, EGH+14, kll11, ET94, HE13, NEL93, NZZ94, Olu14, OKM09, Rmn07, SHHC18, VM94]. Domaine [GA96]. Domains [KR09]. Dongarra
[Ano95b, Ano96a, Ano99a, Ano99b, Nof95]. dOpenCL [KSG13]. Double

[FHKC96, PTT94]. down [Str94].

Downloadable [Ano98]. DP
[Arn95, KLR+15]. DPVM [HvA+00].
draft [DHHW93b, GL92]. Draw [ST17].

Dresden [MD99]. Driven
[AIM97, ME17, PCY14, Hin11, NCB+12, NCB+17, Qtu95, SIS17, TWFO09, WTO14].

Dror [Str02]. drug [GWVP+14]. drugs
[Str94]. DSIR [LTR00, RTL99]. DSM
[KBP07]. DSMC [JL18]. DMPI
[SSC96, SSC97]. DTM [PS07]. DTS
[BHCR95]. Dual

[BBC+00, GAM+02, DK02, CT13, LSS15].
dual-dictionary [LSZ+15]. Dual-Level

[BBC+00, GAM+02, DK02].
dual-scantime [CT13].

Dublin [LKDO8]. During [DeP03].

Dust [dFMBdlFM02]. DVFS [PTL+16].

DWT [ZZZ+15]. Dyn [WLNL03, WLNL06].

Dyn-MPI [WLNL03, WLNL06]. Dynamic
[ACGR97, AGS97, AUR01, CGLD01, CKmWH16, CML04, CK99, CTOK1, DMB16, DB098, DFMD94, FMBM96, FD00, GFD03, GFD05, GRV01, GCBL12, GMDP98, GL95a, KFL05, MK17, NNP+00c, NLRH07, PK98, PLK+04, PT01, PGdCJ+18, Ran05, SPH+18, Smi93b, SY95, TS12a, VdS00, Vet02, Wal01a, Will94, YJTT98, Ze95, DDLM95, EO15, FH97, FCS+12, FKL08, JC17, MSMD15, NSBR07, NF94, OKW95, RBA17, RCC95, SCB14, SCB15, SKK+12, SKB+14, WRSL16, YPA94, DvDLS94, FCS+12].
dynamically [SSS99]. DynamicPVM
[DvDLS94].

Dynamics
[BST+13, BCGL97, DR17, JFY00, KMB97, dFMBdlFM02, MH01, OS97, SBD95a, SA93, TDBEE11, TEG09, YWCF15, ZB94,
ALR94, ABG*+96, AGMJ06, BvdB94, BHS18, BvDSvD95, BBK*+94, BMPZ94b, BMPZ94a, CC00b, FHS099, HVSC11, JAT97, JMS14, KFA96, KPK13, KRG13, LSVMW08, OKM12, PARR14, PBK99, RBB15, SPE95, SZBS95b, SKM15, TG94, WPH94.

Dynamische [Wil94]. dynamite
[vdH*+00, IHvA*+00]. Dynamite/DPVM [IHvA*+00]. DySel [KmWH16].

E-scale [Gua16]. EA [Ben18], each [Ano00a, Ano00b]. Early [CD96, LV12, SLG95, EFR*+05, KJA*+93].

Earth [KTJT03, Nak03, Nak05a, Nak05b, UTY02]. Earthquake [UZC*+12, KTJT03, KME09].

Easily [PKB01]. East [IS16]. Easy [HCA16, TDG13, MJPB16, SBF94].

EasyGrid [BR04]. EASYPVM [Saa94].

ECMWF [HK93, HK95]. ed [Nag05].

EDEM [Tsu95]. Edge [ZDD97, Gra97, RAGJ95]. edition [Ano99a, Ano99b, Ano00b]. Editors [AM07, GSA08]. education [ACM06a].

EDV [Ano94c]. EDV-Benutzertreffens [Ano94c]. Edward [Che10]. Effect [DK06].

Effective [MLAV10, RK01, TMC09, Tsu95, Cza13, JH97, KS15a]. Effects [SSE12].

efficacy [GSfCM13]. Efficiency [KS96, MTU*+15, CZ96, MMU99, RS95].

Efficient [ADT14, Att96, BWH*+17].

BGBP01, BCK*+09, BHALS*+95, BFG*+10, BGD12, Brt95, BDH*+95, BDH*+97, BMPZ94b, CAWL17, CF96, DZ98a, DGG*+12, FHPS94a, FHPS94b, HBT95, HKT*+12, HT08, HCO6, HLO*+16, KGK*+03, KD13, LAD16, MDM17, MB12, MRB17, NKB99, PGS*+13, RJMC93, RRBL01, TGBS05, WSN99, WWFT11, YPZC95, ZWHS95, BdDA94, BW*+12, CGH*+14, FM90, FNSW99, FHB*+13, HCL05, KVGH11, LKL96, LA06, Pan95b, PRS*+14, RR01, SOA11, TPD15, TDG13, YLC16, dCZG06, CRD99, THRZ99].

Efficiently [CC99, CCM*+06, PHA10]. effortless [ITT99]. eigenproblem [BV99, GG99].

eigensolvers [DR18]. Eigenvalue [DAK98, BSC99, THM*+94]. Eighth [ERS95, Sie94, IEE96b]. Eilean [CSS95].

einem [BL94]. Einfluß [Gra97].

Einführung [MS04]. Einstein [ARYT17].

Einstein- [ARYT17]. Ejector [CCBGPA15]. elastic [PTG13]. elasticity [PTT94].

Elastodynamic [MAIVA14].

electric [BALU95, Ano03]. electrical [Sill96].

electroabsorption [WWZ*+96]. electromagnetic [DSOF11, NZ94, OKM90].

electromagnetics [OGM*+16]. electron [ART17, JL18]. electron-molecule [ART17].

Electronic [GJN97]. Electronics [IEE95d].

Electrosoft [Sill96]. electrostatic [VDL*+15].

Element [M02b, OD01]. OMK09. SM02, VRS00, BB93, BCM*+16, Gra90, HMKV94, KME09, KEGM10, MGS*+15, Nak05a, Nak05b, PTT94, TOC18.

Elemental [PMvdG*+13]. elements [KB13].

Eliminating [DSG17]. elimination [ACMZR11]. elision [CLIJ*+15].

elliptic [AGIS94, PR94e]. ELLPACK [BBH12, MKP*+96]. ELLPACK-R [BBH12].

Else [Ge00]. elucidation [MK94].

Embedded [TMC18, YGH*+14, ACJ12]. CGK11, NEM17, TMW17, WCM*+13.

Embedding [FS97, SML17, MS06a].

Embodiment [Ser97]. emerging [RMN*+12]. Emisson [Pat93, EZA016].

emphasis [Bos96]. eMPI [MS06a].

eMPI/eMPICH [MS06a]. eMPICH [MS06a].

Empirical [SS94, VY02].

Employing [AGMJ06, LB16]. emulation [MS99b]. emulator [LTC94].

enable [SPK*+12]. Enabled [Fos98, GSY*+13, LSWM11, Pan14, ZLP17].

DS13, GLM*+08, HJB14, KHSB19, KTF03, RA09, SHH01, SR11, ZLS*+15].

Enabling [APBeF16, BGG*+15, CLSP07, DGB*+14].

GBH14, GBH18, HJYC10, NPS12, TY14.
encapsulation [DRUC12], encoding [AAAA16, PGFB+07, SM12], endpoint [LLH+14], endpoints [DBG+14], energies [TKP15]. Energy [BPG94, EGR15, KFL05, RBAI17, VW92, FKLBO8, KN17, PTL+16, TDG13]. Energy-Aware [EGR15]. energy-efficient [TDG13]. Engine [Wal01a, NPP+00a, Wal01b]. Engineering [Ano98, BPG94, BP93, EGH+14, IEE96h, KAM10, LSB15, LF+93a, MS02a, MBS15, Nag05, SM07, Str94, DMW96, IEE94c, PW95, RMS+98, Sil96, LF+93a]. engineers [HW11]. Engines [SLJ+14, HSW+12, SHM+12]. Engine TM [OIS+06]. English [Wil94]. Enhance [AR01]. Enhanced [Ano98, CDHL95, CDH+95, FMSG17, KY10, PRL02, Saa94, BR95b, FE17]. enhancement [ARL+94, Boi97]. Enhancements [BDG+95, BCKP00, DM95b, DM95a]. Engineers [SLJ+14, HSW+12, SHM+12]. Environment [BDGS93, BFG+10, BFM97, BGL00, CHP01, CT01, DLB07, DI02, DHHW92, DHWH93a, DPLL00, FTVB00, FWR+95, GJN97, GL97a, HRSA97, KBA02, KKH03, KDL+95b, KVH97, LC93, Lus90, MSOR01, MM2, MFG+08, MSS97, NJ01, Ong02, Rol94, SDN99, SGL+00, SGHL01, TTP97, WL96a, ABG+96, BDG+92b, BDG+94, BK96, BT96, CEF+95, CLLASPDP99, DZ96, DL10, DHHW93b, EASS95, FMBM96, FB95, Fan98, Fra95, GBR97, GGH99, GPL+96, GkLyC97, HZ94, IJM+05, IvdLH+00, KCD+97, Kat93, KDL+95a, Kos95b, KFSS94, WL94, MSL12, MK97, NP94, PES99, PVKE01, PQ07, RNPM13, SSKF95, Sch93, SPK96, SBF94, SWYC94, Skj93, SSG95, TJ09, Tho94, WCC+07, WL96b, WLC07, ZPLS96]. environmental [ANS95]. Environments [Ano95e, Ano01a, Bak98, BF98, DT94, GFB+03, Laf01, Mat94, Mat95, MFC98, PS01a, RB01, SHH94b, SSSS97, SCL00, TAH+01, ACGdT02, ARL+94, ALR94, ADDR95, AMV94, Bon96, BFM99, CDH+94, CK99, DR94, DR95, EO15, HS93, HVSH95, LC07, MSP93, SS94, SHH94a, SAP16, TSS98, VB99, YS93, ZL96]. environments-the [CDH+94]. EPS [GT94]. EPS-APS [GT94]. Epstein [BL95]. Epstein-Nesbet [BL95]. Equi [LTRA02]. Equi-Join [LTRA02]. equivalencing [LLG12]. Era [ABB+10, CZG+08, CGK11, EdS08]. Erratum [Ano01b, HF14b, Wal94b]. Error [DFC+07, HPS+12, HPS+13]. Errors [FCLG07, SD16]. Erweiterung [GBR97]. ESA [Whi94]. ESBMC [MdSAS+18]. ESBMC-GPU [MdSAS+18]. Espoo [RWD09]. ESPRIT [CDH+94]. Estimation [GK10, AMHC11, CCU95, GB04, JMDVG+17, KS13, ZWH95]. Estuarine [LRQ01]. Ethernet [CC00a, Fin97, HF05, KLY03, KYL05, OF00, PPG97]. EU [Ano03]. Eugene [MCdS+08]. Euler [DLR94, IDD94]. Euler/Navier [DLR94, IDD94]. EURO [HMM95b, BFMR96, HAM95b, BFMR96]. Euro-Par [BFMR96, HAM95b, BFMR96]. Euromicro [IEE95a, IEE96g]. EuroMPI [CDND11, KGRD10, TBD12, TB14]. EUROPE [LCHS96, Ano92, Ano93f, Ano93g, Ano94g, Tou96]. European [AD98, Ano94i, BR95a, BDLS96, BC00].
BDW97, CHD07, CHD09, CD01, CDND11, DKD05, DLM99, DKP00, DLO03, KGRD10, Kra02, KKD04, LKD08, MTWD06, RWD09, TBD12, WPH94, DHK97. **EuroPVM** [BDLS96, OL05, DKD07, MTW07]. **EUROPVM/mpi** [OL05, DKD07, MTW07]. **EuroPVM/mpi** [KKD05, DLM99, DKP00, DLO03, KGRD10, Kra02, KKD04, LKD08, MTWD06, RWD09, TBD12, WPH94, DHK97]. **EuroPVM** [BDLS96, OL05, DKD07, MTW07]. **EUROPVM/mpi** [OL05, DKD07, MTW07]. **EuroPVM/mpi** [KKD05, DLM99, DKP00, DLO03, KGRD10, Kra02, KKD04, LKD08, MTWD06, RWD09, TBD12, WPH94, DHK97]. **EuroPVM** [BDLS96, OL05, DKD07, MTW07].

**Evaluate** [MW98]. **Evaluating** [BWV+12, FVLS15, FST98a, GFD03, GFD05, GCGG001, GB96, HWW97, LH95, SS89, ZShH01, GscFM13, JTL99, TG09, ZLZ+11]. **Evaluation** [ATM01, BF98, BIC+10, BFM97, BEG+10, BB18, CLP+99, DI02, FST98b, FSSD17, Han98, JCH+08, KS96, KK02b, KSS00, LGCH99, LNK+15, LZ97, L11, LVP04, MH01, MGC12, NNON00, OTK15, OM96, Pan14, Par93, RB01, SWHP95, SCP97, SEF+16, SBF+04, SM02, Sout01, SJK+17a, SJK+17b, TOTH99, TSB02, TSB03, TTSY00, UM97, VY02, AB13, BBG+14, BBH...13a, BMG07, CB11, DBB+16, HPR+95, HA5nP00, HPS95, IM94, J17, JMDVG+17, LV12, LNW+12, MKP+96, MM03, MT96, MM99, NN95, PSK08, RLFs13, SL94b, SWS+12, SWYC94, SFSV13, TSP95, THM+94, TMP01, Wor96, YWO95, YS93, ZHK06].

**Evaluations** [MM14]. **Event** [KKV01, NSL16, THS+15, WM01]. **Event-Based** [NSL16]. **everything** [CCM+06]. **everything-shared** [CCM+06].

**Evolution** [Mat01a, PS01a, RBB17, SSL97, SGDM94, GS93, SSD+94]. **Evolutionary** [B+05, DSM94, Ragg96]. **Evolving** [Bad16, ER12, MdcSc09]. **Ewing** [Ano95c, Ano99c, Ano99d, Ano00a, Ano00b].

**Ewomp’99** [BC00]. **Exact** [Dosmm+16]. **Example** [Che10, SK10, NB06, Pat93]. **Exascale** [Bad16, LV12, LSG12]. **Exception** [FmsG17]. **exchange** [MM13, Pan95a]. **executable** [Wmp14]. **Execution** [Ahd12, Bme02, DT17, FC05, FM09, GR07, KGK+03, MK17, Mar05, MFG+08, Magr01, Ney00, STY99, SAP16, EPML99, Mor95, PSB+19, SMAC08, Tnb17, TS19, TS00, UGT09]. **Executions** [Gaml01]. **Evaluating** [Cb00]. **EuroCHI** [Wcc+07]. **Expand** [CGC+02]. **Expanding** [La02].

**Experiment** [Luo99]. **Experimental** [Bil99, Bic05, BB18, EGC02, Ser97, Um97]. **Experiments** [Bpmn97, Coe94, LGM00, Os97, RR00, Zb97, RHG+96, HAJK01]. **Expert** [Bpg94]. **Experts** [Eat15]. **ExpEther** [Nms+14]. **Explicit** [Bhv12, Gfpg12, Scg12, Lc97b]. **Explicitly** [Ma12, Syr+09]. **exploit** [Zp06]. **Exploitation** [Ggl+08, Gam+02, Ik11]. **Exploit** [Bil99, Bic05, BB18, EGC02, Ser97, Um97]. **Exploiting** [Add01, Bri10, Fklb08, Hehc09, Fkl05, Naal01, Nob08, Thh+05]. **Exploration** [AmuHK15, Ofa+15, Aبد15, Ge95, Ge96, Pdy14]. **Explorations** [Bgg+15]. **Exploring** [Ifa+16, Mbk12, Mt+15]. **Expose** [SAL+17]. **Exposing** [SD16]. **Exposition** [Iee95d, LF+93a]. **EXPRESS** [Ks96, Ahmn97, Fk94, Lh95, Shh94a, Shh94b]. **Expression** [Bn12, Gdm18, Kh15, Sur95a]. **expressions** [Sfd15]. **expressive** [Tria12, Ylc16]. **Extend** [Dfa+09]. **Extended** [Br02, HaTa08, Ss99]. **Extending** [Adb+10, Bcc+00a, Bcc+00b, Bdb+13, Cs96, Cg99a, Kdt+12, Lmr14].
Mar03, OFA+15, RGDM16, SDV+95, TMT96, CG96, GGHL+96]. Extensible [BL97, GS94].

Extensions [Fel01, GOM+01, GHLL+98, HVA+16, HE15, DPSD08, HP05, Kt93, Ano99c, Ano99d].

Ext [KL11]. Extent-Based [KL11].

exterior [HMKV94]. external [BBB+94].

Extraction [CB10, HLO+16, dAT17].

Extreme [MdSC09, ZKRA14].

Extreme-scale [ZKRA14]. eyes [Str94].


Factorisation [BB18]. factorization [AZ95, BSvdG91, BR92, DC95, KBP16, WLC07]. Factorizations [TD98, LC97b].


farming [Str94].

Fast [Ben01, BHS+02, BDA+18, BBH12, CS14, DFN12, EM02, Hoge13, JGFR12, JMDV+17, FSHL11, PRL94c, PRC+01, RB01, SE02, SS09, STY99, SR11, TPLY18, UP01, WTR03, Lan09, LCL+12, NYNT12, TDG13, YULMTS+17, YLZ13, YZBL03, ZA14, AAB+17, DLBL11, PFG97]. Faster [Tsu12, ZG95a, ZG96]. Fat [Zah12].

Fat-tree [Zah12]. FATCOP [CF01]. Fault [BBC+02, BCH+03, BHK+06, CF01, CFDL01, FBD01a, FBD02, FD02a, FD04, GFB+03, GKP97, GJR09, GL04, Gua16, IEE95c, JSH+05, LMRG14, LNL00, dLR04, MSF00, RPM+08, TS12a, WC09, W193, BCH+08, FBD01b, FD02b, HG12, LMG17, LS08, PKD95, SG05, ZHK06, FD00].

Fault-Management [GJR09].

Fault-Tolerant [BH+06, FD04, FGB+03, IEE95c, JSH+05, LMG17, LS08].

Facts [LAdS+15].

FCRC [ACM96b]. FD [And98].

FD-TD [And98]. FDDI [LC93]. FDTD [DSOF11, VM94].

Fe [Odk02, BJS99]. feasibility [KBG16]. Feature [Qu95, ZWL+17]. Feature-driven [Qu95].

Features [GLT99, GLT00b, GLT00a, GLT12, KAH96, Ano00a, CRD99, WKS96, ZKRA14, dAT17].

February [Ano95d, GE95, GE96, IEE93a, IEE94a, IEE97c]. FEM [GEW98].


Feynman [NS16]. FFT [DAL18, GB98, JKM+17, NS12, SH14, WJB14].

FFT-Based [WJ14]. FFTs [EFR+05].

FFTW [KT10]. FHP [BMS94a]. Field [KNT02, Goec02, TKP15]. fields [BAN95, RSB95]. Fifth [DKM+92, HK93, IEE96f, SM07, IEE95c].

filamentary [YPA94]. File [BIC+10, CGC+02, LRT07, KLCCW07, KL11, PLR02, RK01, TS00b, Tsu07, WTR03, DL10, LL95, SBQZ14, isYS12].

File-I [PLR02, RK01]. File-I/O [PLR02, RK01].

film [SL00]. filter [BY12, CCU95]. Finding [FCL07, GAV017, PC94]. Fine [AZ17, BBG+10, JCP15, SFL+94, TCM18, YSS+17, BK11, KW14, LZY19].

Fine-Grain [AZ17, JCP15, SFL+94, BK11, KW14].

Fine-Grained [BBG+10, TCM18, YSS+17, LZY19].

Finite [DFN12, MS02b, MAI14, OD01, OMK09, Pri14, SM02, UZC+12, VM94, VR500, BB93, Gra09, GFG12, HE13, HMK74, KME09, KE0010, KB13, Nak05a, Nak05b, NZZ94, NB96, Ram07, TOC18].

Finite-Difference [BBG+10, TCM18, YSS+17, LZY19].
Finite-Element [MS02b, BB93, KME09, KEGM10, Nak05a, Nak05b]. Finland
[RWD09]. Fire [JML01, SJ02]. First [AGH+95, BCD96, BC00, CH96, Dem96, DFN12, DW94, Gai95, HAM95b, Knu94, Kar95, PBFT95, SSP+94, USE94, AH95, B94, GM18, PTMF18, PBPT95]. Fix
[DLV16]. FLAME [VBLvdG08]. flat [Nak05b]. Flattening [THRZ99]. flavors [GM18]. FlexCL [LWZ18]. Flexibility [KK02b]. Flexible
[CS14, GR95, GBS+07, SHPT00, CARB10, DGB+14, GAM+00, HC08]. Flink
[KWEF18]. FlinkCL [CLOL18]. flip [KO14, Kom15]. Florida [ACM98b]. Flow
[BHW+17, BGD12, CGZQ13, CCBPAG15, FM09, MK17, Pat93, AMS94, AFST95, EP96, ED94, HK94, HTHD99, JAT97, LL16, MBKM12, Ol95, PTT94, RM99, SCC95, SU96, TS12b, TOC18]. Flow-Based
[BHW+17]. Flows [GAP97, BCM+16, BTC+17, Heb93, LLG12]. flowshop [CB11]. Fluid [DFMD94, GAP97, JFY00, SZBS95a, TDBEE11, TGEM09, ALR94, ATL+12, AGMJ06, BVdB94, BSH18, BI95, HVSC11, MRRP11, PBK99, SPE95, SZBS95b, WH94]. fluid-particulate [ATL+12]. fluids [HK94, WB96]. Flux
[QRM96, QRG95]. fly [KSJ14, THRZ99, BCAD06, BADC07, FM
[LC97a]. FMA [LO96]. Fock [CBHH94]. Focus [Chia98, CFF19]. foolish [Roh08a]. footprint [TS12b]. force [Goe02]. Forecast
[AHP01]. forecasting [Bjo95, KOS+95a]. Forest [JML01, NCKB12]. ForestGOMP
[BFC+10]. Foreword [CHD09]. FORGE
[WCV96b]. Fork [BVdB12, SML17]. Fork-Join [BDG12, SML17]. form [NCB+12, NCB+17]. Formal
[BG94a, BS07, GKS+11, GB98, LPD+11, PGK+10, VVD+09, BG94c, SZ11]. Formalizing [FGRT00]. Format
[BBH12, MDM17]. Forschung [Ano94c]. Fortran [Ano97, Ben95, Bra97, GBR15, TOC18, AC17, Ano98, AS14, BW12, DZ98b, Dem06, GML+16, HE13, HH14, HZ99, KaM10, Kuh98, LC97b, LCC+03, MWO95, iSYS12, SM03, SMCH15, TBG+02, Wal02, YBMCB14, YSM+16, YSMA+17, vHKS94]. Fortran/PVM [MWO95]. Forum [Str94]. Forward
[RMNM+12, BDB+13]. forwarding [CBX+12]. foster [SM12]. Foundation [Gri01]. four
[GSMK17, MGG05]. four-atom [MGG05]. four-particle [GSMK17]. Fourier
[DBLG11, BCM+16]. Fourteenth [IEE95b]. Fourth [Ano89, IEE93d, IEE95k, Sie92a, Sie92b, Ano94i, IEE96g]. FPGA
[MTU+15, PWP+16, PGF18, RGB+18, WTH17]. FPGA-Platform [WTTH17]. FPGAs
[LWZ18, MC17, OPA+15, PGS+13, WZHZ16, Ro00]. fractal [Wu99]. fragment [KS15a]. fragments [OA17]. Framework
[Ben18, DGMS93, FC05, GGG001, GR07, GDDM17, MGL+17, NCS13, PWP19, PMvG+13, SSB+05, SAS12, Sun90a, Sun90b, WHZ16, Ano93c, BA06, BR04, BAG17, EFR+05, FLR17, GM13, KKM15, KKJ+16, KKJ+08, KHL09, LGG16, LCMG17, LS08, PTL+16, RSC+15, SL00, TDB00, YLC16, YWTC15, ZT17, dAT17]. Frameworks
[OP10, ASS+17, KDSO12]. France
[ACM90, BR95a, BFMR96, CHD07, DE91, FR95, JPTE94, MCD+08, VW92, YH96, GA96, IEE94c]. Francisco
[BBCG+95, IEE93a, IEE94g]. Frankfurt
[Tou96]. Frankfurt/Main
[Tou96]. Fredericton
[BG91]. Free
[PKYW95, CP15, SAO11, Zah12]. freedom
[KTJT03]. Frequency [IEE94c]. friendly
[SVC+11]. Frontiers
[ACM06b, IEE94a, IEE96c, Sie92a, Sie92b, Sie92a]. Frontiers'95
[IEE94a]. Frontiers'96
[IEE96c]. FSI [HAA+11]. FT
[FD00, LNLE00]. FT-MPI
[FD00]. Fujitsu
[Ano98, AKL99, BHS+02, SWJ95, SH96].

G [OPM06]. G2 [Cot04, KTF03, OPM06]. GA [Ara95]. GAIN [ARYT17]. GAIN-MPI [ARYT17]. Gains [CMM03]. Gallipoli [Ano93b]. GAMMA [CC00a]. Gap [AB93a, ASS+17]. Garbage [GS96b]. Gas [MTK16]. gauge [BW12]. Gauss [BG95, LM99, Ols95]. GCell [SHH94a, SHH94b]. GECCO [B+05]. Geist [Ano95b]. Gemini [SWS+12]. gems [Fer04, nH12, Ngu08, PF05]. Gene [GDM18, PCS94, AAC+05, BGH+05, EFR+05, KMH+14, LM13, MV17, MSW+05]. gene-finding [PCS94]. Gene/L [AAC+05, BGH+05, EFR+05, MSW+05]. Gene/Q [KMH+14, LM13, MV17]. General [Che10, IH04, MW98, SK10, SZBS95a, Sun94a, ABDP15, ADLL03a, ADLL03b, CBM+08, FLD96, KPNM16, PF05, RSBT95, SZBS95b, SSMW06, YPA94]. General-Purpose [Che10, SK10, ABDP15, CBM+08, KPNM16, PF05]. Generalized [DFK01, FKS96, BSC99, SD99, van93]. Generating [AZG17, CGL+93, ER12, IJM+05, PKB+16, SFLD15]. Generation [AB93a, CC17, FAFD15, Gei98, GTH96, HT08, JFY00, LTDD14, RGD13, SSB+17, TGBS05, VPS17, AB93b, CPR+95, DCD+14, DWM12, KHS12, KPL+12, KH10, SP11, WKS96, WMP14, ZKRA14]. generational [WK08a, WK08b, WK08c]. generative [MAS06]. generator [Lan09, TNB17, YL09]. Generic [ARS89, AKL99, GB98, BAS13, GM13, ZT17]. Genetic [FTV00, MTSS94, MSCW95, PB12, WKS96, Wal01a, WHD05, AB13, BB95, FSTG09, HPLT99, RJC95, Wal01b, B+05]. genetics [LM99]. Geneva [IEE97b]. genomic [SDM10]. GeoComputation [Abr96, Abr96]. GeoFEM [NO02b, NO02a, Nak03]. geomechanics [BJS99]. geometrical [FMS15]. Geometry [STK08, STT96]. geophysical [Has95]. Georeferencing [GCC98]. Georgia [USE00, UCW95]. German [EGH99, GBR97, Gra97, GEW98, Sni99, Wer95]. Germany [BDLS96, GH94, KGRD10, MTWD06, MdsC09, PSB+94, Sch93, Tou96, Ano93a, BPG94, Cal94, GHH+93, WPH94]. Gesellschaft [Ano94c]. get [Str94]. Getting [Nob08]. GF100 [WK11]. gHull [GCN+13]. GHz [Ano03]. Gibbs [TKP15]. Gigabit [CC00a, HcF05, EGH09, OF00]. Giganet [GT01, Tra02b, bT01a]. GIS [CFPS95, CSM97]. Give [DZ98b]. Glenda [GCC98]. Global [BSG00, DSS00, Pan95a, Ros13, SHTS01, STK08, SWH15, TTP97, HWS09, HCL05, HEH09, LF+93a, Str94, Wn02, YLZ13, Zah12, ZWHS95]. Globally [BHS+02]. GLUE [Rab98]. GMRES [dH94]. Gmunden [Vol93]. GNU [YSMA+17]. go [KC94]. good [Mat03]. Göttingen [Ano94c]. GP [LRBG15]. GP-GPUs [LRBG15]. GPFS [AHP01, BIC+10, PTH+01a, PTH+01b]. GP-GPU [BG+15, HA11, HCZ16, JKN+13, LME09, LDJK13, LYZ13, MBKM12, PTG13, TY14, YZ14, W+13].
GPGPUs [JMvdVG+17, LSBL15]. gprof [GJLT11]. GPU [Che10, KA13, AKL16, AHHP17, BDp+10, BR12, BCD+12, BCD+15,BTC+17, BWV+12, BBH12, CLOL18, CBYG18, CCBPGA15, DF17, DS16, DK13, Dald18, DSOF11, DWL+10, DWL+12, ER12, Fer04, FFM11, FSSD17, GCN+13, HVA+16, HSE+17, HK09, HK10, HZG08, mHi12, JDB+14, JLS+14, JR13, JNL+15, JPL+17, JPT14, KDSO12, Kha13, KSL+12, KPL+12, KI17, KPNM16, KEGM10, KO14, KMM15, LV12, Lee12, LRG14, LLC13, LAD16, MMO+16, MdSAS+18, MGL+17, Ngu08, NMS+14, NMS12, OFA+15, Pan14, PDY14, PGdCJ+18, PF05, Pri14, RSC+15, RMNM+12, Sai10, SK10, SdM10, dOSMM+16, iSYS12, SS09, SNN+19, SCSL12, SIRP17, SAP16, SD16, SSB+17, SKM15, SKB+14, SG14, TBB12, TS12b, WKPI1, YULMTS+17, YHL11, YCL14, YSS+17, ZRQA11, ZZG+14, ARYT17].

GPU-Accelerated [KA13, SCSL12, PGdCJ+18]. GPU-Aware [Pan14]. GPU-based [MMO+16, SS09]. GPU-code [EZBA16]. GPU-programming [HSE+17]. GPU-Resident [JDB+14]. GPUDirect [OGM+16, YWCF15]. GPUMP [ZC10]. GPUReach [IFA+16]. GPUs [BY12, BDA+18, DS13, DS16, GML+16, GFPG12, GPC+17, GM18, HTJ+16, HLP10, HP11, HLP11, Hos12, IFA+16, JKM+17, JAK17, KGB+09, KKM15, KKL11, KVGH11, LBH12, LRBG15, MA09, ÔN12, OIH10, PP16, PB12, SHLM14, SDB+16, SKK+12, Tsu12, VY15, WRSY16, WJ12, WJB14, YLZI13, YSWY14, ZC10, ZZZ+15]. gpuSPHASE [WMRR17, WRMR19]. GpuVerify [BCD+12]. GQ [RFG+00]. GRACE [YKI+96, ZRQA11]. GRADE [DDL00]. Gradient [BG95, GFPG12, KN17, MM92, Ols95]. Grain [AZG17, IOK00, KOI01, MJPB16, NIO+02, NIO+03, BK11, JCP15, KW14, SFL+94].

Grained [ADRCT98, BBG+10, DS13, DS16, GML+16, GFPG12, GPC+17, GM18, HTJ+16, HLP10, HP11, HLP11, Hos12, IFA+16, JKM+17, JAK17, KGB+09, KKM15, KKL11, KVGH11, LBH12, LRBG15, MA09, ÔN12, OIH10, PP16, PB12, SHLM14, SDB+16, SKK+12, Tsu12, VY15, WRSY16, WJ12, WJB14, YLZI13, YSWY14, ZC10, ZZZ+15].

Graph [BHWM+17, BW02, MM14, NPS12, PPR01, STV97, HLP10, HKOO11, PP16, PD11]. Graph-Based [NPS12]. Graph-Partitioning [STV97]. Graphic [HJBB14]. Graphical [BDG+91b, DDL00, BDG+92a, KFSS94, SSF95, VDL+15]. Graphs [LS15b, LSVMW08, LSW11, SLJ+14, vdLJR11, ABDP15, BHS18, CBM+08, DBLG11, Fer04, GKL95, HTA08, HSW+12, KFA96, KY10, KME09, LHLK10, MSZG17, PF05, SHM+12, SR11, WWFT11, ZLS+15, MSML10].

Graphs [LGM00, OP10, PGF18, EP96, MC99, MJPB16]. Gravitational [ZK15, KM10]. Greece [CD01, CDND11, SM07, TG94]. green [PTL+16]. Grenoble [JPTE94]. Grid [AB93a, CGB+10, CL03, DPP01, Fos98, KT02, Lai01, Liv00, MB17, PLK+04, Rei01, TGEM09, AB93b, Eng00, GLM+08, KRKS11, WYL12, AASB08, BR04, CCHW03, DKD08, FC05, GFB+03, GL02, KTF03, KGK+03, KSSS07, LC07, LS08, NSB07, RPM+08, RTRG+07, SHTS01].

Grid-Adaptive [KT02]. Grid-Enabled [Kos98, GLM+08, KTF03]. Grids [NO02b, NBS99, CC10, KGB+09, NO02a, NB96, BBH+06, GR07, Ram07, SN01]. GROMACS [BvdSvD95]. Gropp [Ano05c, Ano99c, Ano09d, Ano00a, Ano00b]. Gross [LBB+16, LYS+16, SSB+16, YSV+16, YSMA+17]. Groundwater [AFST95, EGDK92]. Groove [AD98, Ano98, Ara95, ACDR94, CHD07, CHD09, CD01, CDN11, DDK05, DLM99, DPK00, GN95, KGRD10, Kra02, KKD04, LBB+18].
grouping [WPL95]. **Groups** [GOM+01].
Grover [LYZ13]. **Growth** [PKYW95, BB95]. **GTS** [PKE+10]. Guest [AM07, GSA08]. **GUI** [VGS14].
**GUI-awareness** [VGS14]. guidance [SDJ17].
Guide [Ano12, D+91, GBD+94, Lad04, Nov95, Per96, Ano95b, BDG+91a, McK94].
Guideline [Tra12b]. Guidelines [TGT10].
GVirtuS [MGL+17].
Hack [DLV16]. **Hague** [Ano93f]. Halide [RKBA+13]. **Hamburg** [PSB+94].
Hamiltonian [ART17]. Handling [DFC+07, FMSG17, LSB15, LGM00, RC97, FFFC99, LNW+12, THRZ99].
Hands [KmWH10]. Hands-on [KmWH10].
Harbor [BBC+00]. Hardware [BGG+15, BWW+12, Bri12, BCKP00, CDPM03, DWO2, GMJM18, HSP+13, LSMW11, MFC98, PSM+14, PKB+16, vdLJR11, ER12, GGL+08, PMZM16, Rab99, SBG+12, SH94, SWS+12, YAJG+15, ZLS+15].
**Hardware-Based** [CDPM03].
**Hardware-oblivious** [HSP+13]. harmonic [GSMK17]. Harness [EBKG01, MS99b, PL96, FBD01a, FBD01b, FBVD02, FD02a, FD02b, MSF00, Gei98].
Harrogate [CJNW95]. Hartree [CBHH94]. HASEonGPU [EZBA16]. Haskell [WO97].
Hate [Dan12]. Hawaii [ERS95, ERS96, HS94, MMH93, ZL96].
HCA [KBC16]. **HDL** [Kat93, KMK16].
HDMR [KD12]. Heading [Sch99]. Heat [SAS01, NP94, iSYS12]. Hector [RFRH96, RRG+99]. Heijen [Van95]. held [AGH+95, GA96, JB96, KG93, MMH93, Old02, R+92, SPH95, TG94]. Helios [SPK96]. Helmholz [HMKV94]. Helps [Stp02]. HeNCE [BDG+92a, BDG+92b, BDG+93a, BDG+94]. Hénon [JPT14]. Herzliya [IEE96h].
HeSSE [MRV00]. **Heterogeneous** [ABB+10, BDG+93a, BDGS93, BL95, BCP+97, BGR97b, BCKP00, CMMR12, COL18, CLBS17, DGM93, DGM93, FDC97a, FDC97b, FL98, FS98, GS91b, GDDM17, IEE93f, KR09, KCR+17, LC93, MRV00, MM01, MM02, NTR16, PDA98, SMS00, SGS10, TQDL01, VLO+08, AC10, ADB94, ADNR95, AM94, BDG+92c, BDG+94, BALU95, BRR99, BAG+17, CCM12, CFPS95, FM96, GZ12, GCN+10, GKF13, HK94, KSG13, KSL+12, Kos95b, LCL+12, LR06a, Lee12, Mai12, MSL2, MM03, NP94, NE97, Pen95, PSB+19, RCFS96, SCJH19, SK93, SM93b, Sun94b, Sun95, TBB12, TM17, TKP15, TDG13, VB99, WCC+07, YST08, YSL+12, ZJWD18].
**HeteroMPI** [LR06a, VLO+08]. Heuristic [BHM96, STV97, WH94]. HI [ERS96, HS94, IEE96e, ACM97a]. **HICSS** [ERS96, MMH93]. **HICSS-26** [MMH93], **HICSS-29** [ERS96]. hiCUDA [HA11]. Hierarchical [BMR01, FBSN01, HA10, HL17, MALM95, RR02, ADMV05, BDV03, GJMM18, OKM12, YPZC95]. hierarchies [SY+09]. High [ACM97b, ACM98a, ACM98b, ACM00, ACM01, ACM04, BPG94, BRST94, BS07, BDA+18, CDD+13, CMN11, CDHL95, CS14, DPP01, DL00, DE91, FKG10, GH02, GBH99, GBS+07, GLDS96, HVA+16, HA11, HO12, IEE92, IEE93c, IEE94g, IEE95k, IEE96a, IEE96f, IEE97c, IFF95, JJM+11, Kha13, KMK16, KEGM10, KH15, La91, LCK11, LC97a, LkLC+03, LH92, LWP04, MW98, MPD04, ME17, MAB05, NU05, OIH10, OLG01, PKB01, PRH04, PTH+01b, Rab98, RH01, SPM+10, SCCL12, SJ02, Slo05, SVC+11, SSSS97, T0u00, T0u07, VW92, WN10, YCL14, YWC15, YSF+05, AH95, Ano03, BAC07, Ber96, BWT96, BD95, CH95, CH95, CYGB18, DL10, Du92, EZBA16, ESB13, FME+12, GSO2, GCC+07, GL96.
GL97c, HDDG09, HW11, Hos12, KBP16, KME09, Lan09, LBD+96, MSL12, MSZG17, NS91, NFG+10, Old02, OGM+16, PGS+13].

High
[PGK+10, PF05, PTW99, Reu03, RJDH14, SG14, SFLD15, ZSK15, ZWL13, dAT17, CDH+95, DZ98b, D+95, DE91, GH94, HS95a, KD12, LCHS96, LC97b, SSH08, Ten95].

High-Dimensional [MW98]. High-Level
[CS14, DDL00, HA11, Hos12, SG14, SFLD15].

High-order
[KEGM10, KME09, OGM+16].

High-Performance
[ACM98a, FGKT97, IEE97c, LkLC03, OLG01, PKB01, PR94b, PTH+01b, Rab98, RH01, SP+10, SCSL12, WN10, GLDS96, OIH10, SVC+11, Ano03, ESB13, FME+12, GL96, GL97c, HDDG09, KBP16, LBD+96, Old02, PGS+13, PGK+10, PF05, Reu03, RJDH14, SFLD15, ZSK15, HS95a, GH94, LCHS96, SSH08].

High-Precision [Kha13]. High-Quality
[BDA+18].

High-Speed
[CDHL95, MKM16, AH95, BWT96, CDH+95]. High-throughput
[ESB13]. Higher
[MYB16, KB13, wL94]. higher-level [wL94]. Higher-order
[MYB16]. Highly
[MM95, PV97, TMP16, CARB10, GBH14, GBH18, VM95].

Highly-scalable
[GBH14]. Hills
[IEE93f]. HiNet
[AH95]. HIRLAM
[Bj05, HE02, KOS+95a]. histogramming
[KRC17]. History
[OWSA95]. Hitachi
[Ano03, NNON00, TSB02, TSB03]. HLA
[KTRG+07]. Hoare
[KI17]. Högskolan
[Eng00]. Hole
[Kha13]. holistic
[TWFO09].

Homomorphisms
[RG18]. homotopy
[GWC95, SMSW06, VY15]. Honolulu
[IEE96e]. honor
[Str94]. Host
[Ano95c, LLRS02]. Host-Parasite
[LLRS02]. HOTB
[GSMK17]. Hotel
[IEE94e]. Hotel-Copley
[IEE94e]. Hough
[YULMTS+17]. house
[ZLZ+11]. Houston
[ACM06a, Ano95a, Cha05, DkM+92, Y+93]. HP
[CGB+10, BCM+16]. HPC
[ASS+17, CGBS+15, GDC+15, GKK09, LCVD94b, OLG+16, PRS+14, RGGP+18, ZLP17].

HPC2002
[Ano03]. HPCN
[LCHS96]. HPF
[BP98, BF01, B1D95, Bri00, BDV03, CM98, CDD+96, Coe94, FKK+96b, FKK96, FKK96a, LZ97, OF98, OPP00, SM02, Str94].

HPF-MPI
[BP98]. HPL
[Lee12].

HPVM
[BCKP00, CLP+99]. Hungarian
[FC92, FK95]. Hungary
[DKP00, KKD95, FK95]. hunting
[JPP95]. Husky
[YLC16]. Huss
[Ano96a, Ano99a, Ano99c, Ano99b, Ano99d]. Huss-Lederman
[Ano96a, Ano99a, Ano99c, Ano99b, Ano99d].

Hybrid
[BBG+10, BBH+96, BBV98, CGC+11, CNM11, Cha02, D97, GPC+17, HVSC11, IDS16, KS15a, KLR+15, LLRS02, LRG14, MS02b, NO02b, PZ12, SSB+16, VPS17, WT12, YHL11, YPAA09, YTH+12, ADR+05, BBG+14, CSPM+96, FMS15, GÁVRRL17, GKK09, HDB+13, JR10, JMS14, KN17, KRG13, KJEM12, LLC13, LH+14, MLAV10, MRRP11, NO02a, Nak05a, Nak05b, PARB14, PHJM11, SDJ17, SVC+11, WT11, WYLC12, WYLC12, YWC11, ZWL13].

Hybrid-core
[BBG+14].

Hybridizing
[LSG12]. HYDRA_MPI
[PBC+01]. Hyper
[CSW99, SBTO4, TB+02, ZAT+07].

Hyper-Rectangle
[CSW99]. Hyper-Threading
[SBTO4, TBG+02, ZAT+07]. hypercube
[HS95b, Sur95b]. Hypercubes
[Ano89, RJMC93, She95]. Hypercubic
[HP11]. hyperelastic
[OKW95]. hypersonic
[BTC+17]. Hyperspectral
[VLO+08].

I-SPAN
[LHHM96, Li96]. I-WAY
[FGT96]. I/O
[Bos96, CFF+96, DRUC12, IRU01, IBC+10, LkLC+03, kLCC+06, MV17, MC18, MGC12, MG15, PSK08, PR02, RK01,
SBQZ14, Tha98, Tsu07, WSN99, ZJDW18.  
Iasted [Ham05], IBM 
[AL93, Ano00, B36+94, BGBP01, BR95c, 
BR95b, Brl95, CE00, CD09, FHPS94b, 
FHP+94, FHP+95, Fpr95, FWR+95, GL95d, 
HSM94, HMKV94, Heb93, JF95, KB98, 
KAC02, KHS01, KMH+14, LC97b, MP95, 
MW93, MAB96, NM93, WZWS08, 
XH96].  
IBM-SP1 [FHPS94b].  
Ica [IEE96d], ICAPP [Nar95], ICAPP 
[SM97], ICIP [IEE94b].  
IcAPP [Agr95a].  
ID [DGG12].  
Idaho [Str94].  
Ideas [IEE95d].  
Identification [HPLT99].  
IEEE [ACM97b, ACM98b, ACM04, ACM05, 
Bha93, IEE94e, IEE94g, IEE95b, IEE95a, 
IEE95k, IEE95g, IE96b, IE96f, IE96d, 
IE02, Nar95].  
IEEE/ACM [ACM04].  
IFIP [Boi97, DR94, PB94].  
IFS [AHF90].  
Igniting [ACM03].  
II [DE91, GE95, HS94, BPS01, BWW+12, 
EM00b, GAVRRL17, Sta95b].  
III [BPG94, BP93, DSM94, GE96, Has95, 
OKW95, SSGF00].  
ILDJIT [CARB10].  
I’ll [Har94].  
Illumination [STK08, ZW95].  
ILU [ABF+17].  
ILU-preconditioned  
[ABF+17].  
in [Gra97].  
Image [DYN+06, FJBB+00, GA96, GPC+17, KBA02, KS01, 
LSZL02, MC18, NJ01, PLR02, RBR01, 
WN10, ARL+94, DZZY94, GDC15, JC96, 
KKL11, RKBA+13, LS96, UH96, Wu99, 
YULMTS+17, YPZ95, YZPC95, dAT17].  
Imagery 
[GG99, GGG00, GCGS98, GGG99].  
Images [Uhl94, Uhl95b, VLO+08, NA95].  
Imaging [NH95, Has95, LM13, Pat93].  
imbalances [MLVS16].  
immunodominance [ZWL+17].  
Impact 
[ADL03a, ADL03b, Brl05, Bri12, 
TSS00a, WHDB05, DO96, FSV14, SHIC18].  
impacts [Str94].  
Implement 
[GM95, PPT96c].  
Implementation [AB93a, 
AKL99, BGG+15, BGBP01, BPS01, BR95, 
BHP+03, BBS99, Bns01, BP98, BCD+15, 
Bjo95, BJ97, BIC+10, BM02, BM94, 
BM94b, BMG07, BDA+18, CGC+02, 
CFMR5, DYN+06, DAK89, EFR+05, ES11, 
FH97, FD04, FHS09, FSSX14, FJBB+00, 
FHP94a, FHP94b, FHP+94, FSLS98, 
GBH99, GB98, GB98+07, Gr02a, HPP02, 
HRZ97, HKT+12, Huc96, HHA95, HAA+11, 
IBC+10, ITT02, IM94, JSS+15, JSH+05, 
LS20, LTRA02, LZ97, LW04, MS20, 
MW98, MN91, MT96, MRH+96, NSS12, 
NN00, OKT15, OL01, Pan14, PLK+04, 
PS00a, Pet97, PBK99, PTH+01a, PTH+01b, 
PB12, RDM09, RG18, RSV+05, SH94, 
SFB+04, SGB+02, Ser97, SBC96, SSC97, 
SZ95a, SW95, SYF96, Sun12, Sur95a, 
TOTH99, TBG+02, TRH01, TJP01, 
USE94, VT97, WH94, WPC07, YGGH+14, 
YY95, ZZG+14, AGdT02, AS92].  
implementation 
[AAA16, AAC+05, ADDL03a, ADDL03b, 
AB93b, BR91, BvdV95, BR95b, Ber96, 
BB90, BK90, B99, B99b, BDV03, Bri95, BB00, 
BAS13, CDZ+98, CEOS07, CG99a, CdG99c, 
CBHH94, CD96, DSW96, DS96a, DL10, 
DBB+16, DSO11, DM12, FFB99, FW96, 
FGT96, FGG+98, GCC99, GG99, GG99, 
GAVRRL17, GL92, GL94, GL96, GLDS96, 
GL97c, GT07, GkLYC97, HBT95, HCL05, 
HS95b, ITT99, IvdLH+00, JRM+04, JC96, 
KY10, KTF03, KBVP07, KL95, KVGH11, 
KB13, LCB12, LC07, LQ96, MMO+16, 
Man94, MAI49A, MS95, MSZG17, ON12, 
OKW95, O17, OGM+16, PHJM11, PR94a, 
PTW99, PCS94, Ram07, RRF96, Sep93, 
SZ95b, SLC97, St098, SNMP10, Sur95b, 
SL95, TPK15, TPD15, TS12b, TA14, 
TCP15, Tsu95, TV96, VDL+15, VGRS16].  
implementation 
[VM95, Was9a, WMRR17, WMR19, 
YPA94, ZLS+15, dh94, dLAMC12h, van93].  
Implementations 
[AKK+94, Ano01a, ACM14, AJF16, BM00, 
BS07, BEG+10, FB94, Gro02b, kLCC+06, 
LCW+03, Mar02, ORA12, Sap97, TSCM12, 
TSCM12]
TGEM09, VS00, WT12, ZDD97, CLSP07, ER12, ED94, GML+16, ICC02, KWEF18, MKP+96, NN95, Pri14, RLFSdS13, WLK+18, WT11, YCL14. \textbf{implemented} [BBDH14, EP96]. \textbf{Implementing} [DPZ97, Fin94, Fin95, GL95b, HB96a, HB96b, LRT07, MMH98, MS99c, MSB97, SSC96, SS99, SMTW96, SGHL01, SCC95, Tra02a, Wi93, BWT96, LHZ97, YX95]. \textbf{Implementor} [GL95b]. \textbf{Implicit} [MS02b, NA01, SGHL01, Bjo95, TSP95, WADC99]. \textbf{Importance} [BCG+10, PCY14]. \textbf{Importance-Driven} [PCY14]. \textbf{Improve} [KBS04, SKH96, Tha98, GKL97, RHG+96]. \textbf{Improved} [Tra02b, MMO+16, dIAMCFN12]. \textbf{improvements} [DPSD08]. \textbf{Improving} [CGZQ13, DZ96, DCPJ12, DCPJ14, GSY+13, HE02, IRU01, KH12, KK02b, LB98, MK97, PTG13, RSC+15, SM12, SCL00, XF95, CZ96, JKN+13]. \textbf{in-house} [ZLZ+11]. \textbf{In-Memory} [CLOL18, CRM14, HSP+13]. \textbf{In-Place} [LTS16, HSE+17, FSHL11]. \textbf{Including} [BWW+12, GLT12]. \textbf{incompressible} [BCM+16, Lou95, RM99, TS12b]. \textbf{Incorporating} [LM94, LYZ13, TKP15]. \textbf{Incremental} [dOSMM+16]. \textbf{Indefinite} [YKW+18]. \textbf{Independent} [BCLN97, CM98, Fin00, GJP01, KJA+93, KAHS96, wL94, WTO014, TWFO09]. \textbf{Integrate} [GLRS01]. \textbf{Integrated} [CFDL01, DGMS93, HKN+01, KSV01, WL96a, DF17, HK10, KW14, VDL+15, WWZ+96, WL96b, XWS99]. \textbf{Integrating} [BCLN97, CM98, Fin00, GJP01, KJA+93, KAHS96, wL94, WTP014, TWFO09]. \textbf{Integration} [CGC+11, CSW97, FD96, FB94, MAIVAH14, Sei99, AL96, CSW99, KB13, RMS+18, RBB15]. \textbf{Integrator} [Per99, SP99]. \textbf{Intel} [Ano96c, Ano03, DSGS17, MP95, OTK15, URKG12, VDL+15, YSMA+17]. \textbf{Intelligence} [BPG94]. \textbf{intelligent} [IEE95a, ZWZ+95]. \textbf{Intel(R)} [TBG+02, SBT04]. \textbf{INtensities} [ARYT17]. \textbf{Intensive} [Rei01, BFLL99, BKML95, SL94a]. \textbf{Inter} [KFL05, LAFA15, FKLB08, LFL11, SDB+16]. \textbf{Inter-Atomic} [LAFA15]. \textbf{Inter-Node} [KFL05, FKLB08, LFL11].

\textbf{InfiniBand-based} [PK05]. \textbf{inflation} [OdSSP12]. \textbf{influence} [Gra97]. \textbf{Information} [Ano98, CGB+10, Ano93c, CG99b, MMR99, WADC99, PSB+94]. \textbf{infrastructure} [GFIS+18, WLR05]. \textbf{infrastructures} [GWVP+14]. \textbf{Initial} [LLH+14, VDL+15, AL96, LSR95]. \textbf{Initiated} [SSB+05, initiatives] [Sun95]. \textbf{initio} [SGGF00, SEC15]. \textbf{Injec}
tion [RRAGM97, SAL+17]. \textbf{Insight} [IEE02]. \textbf{Inspection} [BPMN97]. \textbf{inspired} [NEM17, TDB00]. \textbf{instances} [RBAI17, ZLZ+11]. \textbf{Institute} [Old02, TG94]. \textbf{Instrumentation} [MVF95, Yan94]. \textbf{Insurance} [PZ12]. \textbf{Integer} [ASA97, CF01, WCL07, ZC10, BHJ96, KVGHI11]. \textbf{InteGrade} [CC10]. \textbf{integral} [HK94]. \textbf{Integrals} [FBSN01, NS16]. \textbf{Integrate} [GLRS01]. \textbf{Integrated} [CFDL01, DGMS93, HKN+01, KSV01, WL96a, DF17, HK10, KW14, VDL+15, WWZ+96, WL96b, XWS99]. \textbf{Integrating} [BCLN97, CM98, Fin00, GJP01, KJA+93, KAHS96, wL94, WTP014, TWFO09]. \textbf{Integration} [CGC+11, CSW97, FD96, FB94, MAIVAH14, Sei99, AL96, CSW99, KB13, RMS+18, RBB15]. \textbf{Integrator} [Per99, SP99]. \textbf{Intel} [Ano96c, Ano03, DSGS17, MP95, OTK15, URKG12, VDL+15, YSMA+17]. \textbf{Intelligence} [BPG94]. \textbf{intelligent} [IEE95a, ZWZ+95]. \textbf{Intel(R)} [TBG+02, SBT04]. \textbf{INtensities} [ARYT17]. \textbf{Intensive} [Rei01, BFLL99, BKML95, SL94a]. \textbf{Inter} [KFL05, LAFA15, FKLB08, LFL11, SDB+16]. \textbf{Inter-Atomic} [LAFA15]. \textbf{Inter-Node} [KFL05, FKLB08, LFL11].
inter-workgroup [SDB+16]. Interaction [DMMV97, GFV99, NSLV16, Sou01].
interactions [PARB14]. Interactive [Coo95b, KPK13, KA13, NE98, RTRG+07, STK08, Coo95a, LJM+05].
Intercommunication [TMP16].
Interconnect [Bri12, SJ02, BWT96, SWS+12, TBD96].
Interconnected [Hus00]. Interconnecting [MC98].
Interconnects [MANR09, SB95, AVA+16]. Interconnects [RA09]. Interface [Ano93d, Ano01b, BCFK99, BDH+97, CHD07, Cer99, CGH94, CDND11, DFKS01, DHHW92, DHHW93a, DBK+09, FKKC96, FSLS98, Gle93, GLS94, GL95c, GLDS96, GLT00b, HDB+12, HRSA97, KS95, KGRD10, KKDVO3, KKD04, LKD08, LkLC+03, LW97, MP98, MS98, MSS98, MBES94, MMSW02, MTWD06, PS01b, RWD90, SSL97, TDB00, TW01, TBD12, WD96, Wer95, YHGL01, Ada98, AD98, Ano93c, Ano94d, BBB99, BBCR99, Bru95, BDW97, BR94, CFKL00, CFF+96, CD01, CG99b, DDK05, DKB+16, DS96b, DLM99, DKP00, DLO03, HPY+93, HRR+11, KOB01, KS96, KBHA94, Kra02, NS91, Pie94, PR94a, RMS+18, SL94a, SW95, SDV+95, VM95, Wa94a, Wal94b, ZWL13, ZKRA14, AMHC11, BC14, BBI+06, BRU05, BDH+95, Cot04, DDK08, DIn96, FKS96, FG96, FCG+98, GGHIL+96, GLT99, GLS99, GLT00a, GL04]. Interface [Han98, IBC+10, KTF03, KKD05, LK10, MSL96, RRHF96, SWHP05, SL95, SWL+01, TGT05, YGH+14, Ano95c, Ano90a, Ano00b]. InterfaceArchitecture [Sei99]. Interfaces [MGC12, Wit16, RJDH14, Trä12a].
Interfacings [Lus00, PL96]. interference [ZJDW18]. Intermediate [SML17].
internal [BBH+15]. International [ACM94, ACM96b, ANS95, Abr+96, ATC94, AGH+95, Ano93a, Ano94a, Ano94e, BPG94, Bos96, BFMR96, Cha05, CZG+08, CGKM11, CMMR12, CGB+10, CH96, DSM94, DW94, EV01, Eds08, ERS95, ERS96, EJL92, Gat95, GA96, GT94, Ham95a, HAM95b, HS95a, HS94, Hol12, IEE93c, IEE93b, IEE94d, IEE94g, IEE95b, IEE95c, IEE95a, IEE95k, IEE95i, IEE95f, IEE95l, IEE96a, IEE96f, IEE96e, IEE96d, IEE97b, IEE97c, IEE05, Kum94, LCK11, LF+93a, Lev95, LHHM96, Ll96, MMH93, MCdS+08, MdSC09, Nar95, Ost94, PW95, PBG+95, PBPT95, Re96, R+92, SHM+10, Sie94, Sil96, SM07, Tou96, VW92, Vol93, Vos03, Was96, YH96, ACM97a, AH95, BS94, DMW96, FR95, GH94, JPT94, LCHS96, Mal95, ZL96, Ano93b, HHK94, Sch93].
Internet [NE98]. Interoperabilität [CHR97]. Interoperability [BoF97, Don06, PLR02, GBR97].
Interoperable [Rab98, MSL12, YBMC14]. Interoperation [FDG97a, FDG97b, FL98]. Interpolants [RB01]. interpolation [BAS13].
Interpretative [MKW11]. Interpreted [FSSD17]. Interpretive [CNC10].
interprocess [SC95]. interprocessor [DS96b]. interrupts [CXB+12, SH96].
Intervals [MDM17]. intra [GM13, VSW+13]. intra-node [GM13].
intra-warp [VSW+13]. Introducción [VP00]. Introducing [JKM+17, TBS12].
Introduction [Ano96b, AM07, Che10, Cze16, DOSW95, GSA08, HW11, Mar02, Mat00b, SK10, VP00].
Invasive [URK12]. Inverse [Huc96, BV99, GGC+07, GG09, Wan02].
Inversion [ACMR14, Kan12].
Investigating [GMdMBD+07, Ros13]. investigation [PHW+13]. Invisible [Wis97]. Invited [Ge93a]. IO [AH01, BIC+10, CGC+02, CFF+96, DL10, FGRD01, FWNK96, FSLS98, LRT07, LGG16, PSK08, PTH+01a, PTH+01b, SW12, Sto98, TGL02, ZZ04]. IO/GPFS [PTH+01a]. IOMMU [YWC15]. IOV
SSB+17, ARS89, BCD+12, FSV14, FVLS15, FFM11, KKM15, PTG13, PGS+13, TBB12.
Kerr [Kha13]. key [LF+93a]. kind [SP11].
Kingdom [Boi97]. Kirchhoff [SSS99].
Klagenfurt [Bos96]. Knapsack [ICC02].
KNEM [GM13]. knowledge [FNSW99].
Koppelrandkommunikation [Gra97]. Kpi [EML00].
KPN2GPU [BK11]. KPP [AC17].
Kremlin [GJT11]. Kronecker [LNW+12]. KSIX [AUR01]. KSR1 [BL94].
KU [IM94]. Kungl [Eng00]. Kyoto [IF95, SPE95, IF95].

L [AAC95, BGH05, EFR+05, MSW05].
LA-MPI [YP+05]. Lab [Str94]. Labeling [PP01, KRKS11]. labelling [HLP10].
laboratory [JY95]. Lafayette [EV01, Ed18].
Lagrangian [CT94a, CT94b, RSV+05, TC94].
Lahey [Ano98a]. Lake [Hol12]. LAM
[OP00, RST06, SSB+05, Squ03, ZWZ05].
LAM/MPI [OP00, RST06, SSB+05, Squ03, ZWZ05].
lambda [PQ07]. lambda-calculus [PQ07].
LAMGAC [MSOR1, MSa2a]. Lamport
[TPLY18]. LAN [CCU95, CDH+05].
MSOR1, TSZC94, ZGC94].
LAN-based [TSZC94]. LAN-Message
[MTSS94]. Lanczos [GP95, Sch96a, Sch96b].
Landing [dCZG06]. Landsat
[GGCM99, GGCS98]. Landsat-TM
[GGCM99, GGCS98]. Lane [HHC+18].
Language [ACM96a, NM95, PD98, TA14].
WLR05, Ben95, CGK11, Hos12, Nob08,
RKBA+13, Rob00]. Languages
[CF+94, FMSG17, FSSD17, CH96, Mar05].
Ohu14, SWS+12, PGB+95, SS96]. LANs
[Fin97]. LAPACK [Add01, Arv03].
LaPerm [WRSY16]. LAPI [BGBP01].
Laplace [ACMR14]. Large
[AKE00, BHW+17, BZ97, BJS99, BHNW01].
CGC+11, DALD18, FFP03, Huc96,
JFGRF12, LLY93, MKC+12, MFPP03.
PCV14, RGB+18, SGP+03, SM03, SvL99,
TGEM09, WT12, ZWJ10, AASB08.
AMS94, BCA+06, BA06, BCH+08, Che99,
CCHW03, DZZY94, FME+12, GG99, IM95,
JLS+14, KEGM10, Kos95b, KA95, LS10,
MLA+14, NFG+10, PTL+16, PD11,
RMNM+12, SC96a, TBB12, TO1C18, WT11,
ZW13, ZA14]. Large-Scale
[AKE00, BHW+17, BZ97, FFP03, MFPP03].
SM03, WT12, BJS99, SvL99, AASB08.
BCH+08, Che99, FME+12, LS10, MLA+14,
PD11, RMNM+12, WT11, ZA14].
large-sized [JLS+14]. Larger [NB96].
Large-Scale [LAd+15]. laser
[EZBA16, WWZ+96]. Lastverteilung
[Wil94]. Latency [Jes93a, Jon96, KBHA94].
NCB+12, NCB+17, TBD96].
latency-tolerant [NCB+12, NCB+17].

Lattice
[BBK94, BMS94b, HLP11, SJK+17a].
SJK+17b, BW12, BMS94a, CGK+16, GM18.
Sai10, SVC+11, BLP13, OTH15]. launches
[Ano03]. Layer [CSAG98, HEH98].
FKK96a, PTT94, dAMC11, dAMCF12].
layered [Di96]. Layering [Hus01]. layers
[KC94]. Layout
[WG17, BZH+05, HP11, LDJK13, Str12].
Lazy [TCB10]. Leaks [DLV16]. Learned
[GKPS97, MWO95]. Learning
[AHH17, Gro01b, FE17, KWEF18, LSSZ15].
SEC15, TWFO09, WO09, WFO14].
learning-based [FE17]. Least
[PWP96, VRS00, DK13]. Least-Squares
[VR00]. Lecture [Ge93a]. Lederman
[Ano96a, Ano99a, Ano99c, Ano99b, Ano99d].
Nag05]. Leeds [Abr96]. legacy
[BR04, LP00, LRW01]. Lemon [DRUC12].
Lengths [GSHL02]. LEO [CCBPA15].
Leonardo [Stp02]. Lessons [MWO95].
Level [AELGE16, BGG+15, BBC+00, CS14,
CRGM14, DHHW92, DHHW93a, DDL00, GS91b, GAM92, HKT92, DK02, KCP94a, KOW97, LVP04, LMRG94, NPP94c, SHM94, SBF94, TS12a, TW01, XF95, BMPS93, CAWL17, CRGM14, CRGM16, EPP94, GGS99, HE95, HK90, Hos92, KCP94a, wL94, LMCG97, LM93, MALM95, NS91, Nak95b, STY99, SCL97, SG14, SFLD94, DR18, Gra99, GFP94, Jou94, MW98, MM94, OKW95, SCC96, SMSW96, dCH93, dH94. **Linear-scaling** [Gao03]. Lines [NE01, YULMTS17]. Link [BGR97b, SJ02]. **Linked** [WJ12]. Linköping [FF95]. **LINPACK** [JNL95].

**Linux**

[Sc99, SMTW96, USE00, SSS97, Ano91a, GSN90, MK04, FO00, PS07, PKB91, RS06, Sc99, Sl05, SGL900, YL90]. Linz [Kra02]. lipid [FHS99]. Liquid [DS00, JLS94]. Lisbon [HE93a]. LISP [AC90]. List [Tr98, W12]. Lithic [PHA10]. Lithography [RDM99].


**Locality**


**Locking**


**Logical**

[RGDML16, RGDM15]. **Louisiana** [USE95, IEE96b]. Love [Dan12]. Love-Hate [Dan12]. Low [BG94]. Low-Bandwidth [NE01]. Low-Cost
Low-Density [MC17].
Low-Level [BGG+15, GGS99].
Low-life [Str94].
LOW [ZRQA11].
LU [AZ95, BRS92, BB18, LC97].
Lugano [GT94].
Luminous [KNT02].
Lumsdaine [Ano99c, Ano99d].
Lusk [Ano95c, Ano99c, Ano99d, Ano00a, Ano00b].
Lustre [DL10].
Luther [ACM99].
Lyngby [DW94, DMW96, Was96].
Lyon [BFMR96, FR95].
M [PBC+01].
M-SPH [PBC+01].
M6A [EM00a].
M6B [EM00b].
Machine [AS92, AGIS94, BJ93, BS93, CHD+91, FE17, Fis01, GB-D+94, Gre94, KNT02, KKKV03, KKD04, LKD08, MTWD06, Nov95, Patrick93, Per96, RW09, TY14, VS00, Wel94, AD98, AL92, Ano95b, BR91, BDG+91a, BPC94, Bir94, BDSL96, BDW97, CARB10, CML+95, Cav93, Cha96, Che99, CD01, CC00b, DM93, DDK05, DLM99, DKP00, DLO03, FM90, KWEF18, KMC97, Kr902, LG93, MN91, MRH+96, NB96, Sch94, SK92, SCC96, SL00, TVCB18, TW12, TWF009, WO09, WLF014, ARL+94, BG94b, JPP95, KKD05, DKL10, QRG95, SSSS96].
machine-learning [TWF009].
machine-learning-based [TWF014].
Machines [BP99, BZ97, BCC+00a, BT01b, DBR97, EGR15, GB96, GTS+15, HC10, MGL+17, STY99, SCSL12, ZWJK05, BCA+06, BSC99, BCC+00b, DDS+94, DCH02, GZK12, KN95, PRS16, SL94b, TSY99, TSY00, WPL95, ZWL13, Gei91, YC98].
MAFFT [ZLS+15].
Magnetic [Y+93, PKE+10].
Magnetism [Y+93].
magnetized [CFF19].
Magnetohydrodynamic [KT02, WWFT11].
Magnetostatic [BB93].
MagPIe [KHB+99].
Main [Tou96].
Maintaining [PKB01].
maintenance [ZDR04, ZDR01].
major [WLK+18].
Makes [ZG95b, Str94].
Malleable [EDSV09, SMSC15].
Mambo [WZWS08].
Man [IEE95a].
Manageable [PKB01].
Managed [KCR+17, LB16, SYR+09].
Management [AJ97, ALB+18, AUR01, BGR97b, BGL00, EK97, FGD97a, FGD97b, GJR09, PPT96a, PSS0a, SI17, STY99, THS+15, ARS89, DZ06, DF17, FLD96, GMIM18, GL95a, JCP15, LF+93a, PPT96b, PPT96c, YWT15].
manager [Sep93].
managers [FLD96].
Managing [BPG98, FGKT97, vivo0, NPS12, Ob96].
Manchek [Ano95b].
Manipulation [KKV01].
Manual [CSW12, NLIV16, Re01].
Many [DT17, LH97, LLCD15, RB01, TCM18, YTH+12, ACMZ11, VDL+15, dCZG06].
Many-Cores [DT17].
Manycore [MJB15, KGB+09].
Map [JPT14, FM11, FJB+00, MSCW95].
MAPA [JPL17].
MapReduce [JS13, MMM13, PD11, WZH16].
Maps [BM07, KRC17].
Marc [Ano96a, Ano99a, Ano99c, Ano99d, Nao05].
March [ACM95a, ACM06a, Ano89, Ano93c, Cal94, DCM+92, IE93, IE94, IE95b, IE97a].
Marine [LLRS02].
market [LF+93a].
Markov [BBHH12, PPS01].
Marliz [GA96].
marching [CFK10].
MARTE [RGD13].
Martin [ACM99].
Maryland [IE96c, SP95].
MASA [SMM+16].
MasPar [ARL+94].
Massachusetts
Memory-Based [MMH98].
Memory-Efficient [MRB17].

memory-level [HK09]. Memory/Message [ST02b]. MemTo [GSN+01]. Menon [Stp02]. Mesh [HAA+11, MRB17, Ran05, BAS13, CLSP07, Cou93, GBR15, IDS16].

mesh-particle [BAS13]. Meshes [MRB17, TPD15]. Message [Ano93d, AKB99, Att96, BZ97, BCH+03, BBG+01, BHH97, BGR97b, BFM97, CHD07, CER99, CGZQ13, CGH94, Cot97, Cot98, CTK00, CDND11, DFKS01, DHHW92, DHHW93a, DDL00, FKKC96, Fos98, FB94, GR07, GB96, Gw03, GLRS01, GLS94, GL95c, GLT00b, Hem94, KGRD10, KS97, KSV01, KKKD03, KKKD04, LKD08, Luo99, MPI98, MP95, MS98, MBES94, MG97, MTWD06, MSS97, NW98, PKK00, Pok96, RC97, RRBL01, RDDW09, RFG+00, SAL+17, ST02b, TDB12, WDF95, Wis97, YHGL01, ZWL13, ZG95a, ZG96, ZLL+12, Ada98, AD99, AAC+05, Ano93c, Ano94d, Ano95c, An00a, Ano00b, BBG+14, BL97, BvdSv95, Bjo95, Br95, BDW97, BFIM99, CGJ+00, CDZ+98, CRD99, CD01, CG99b, DKF93, DM93, DKD05, DS96b, DHHW93b, DOSW96, DLM99, DKP00, DLO03, FKK94, GL92, HP05].

message [HPY+93, Hem96, KJA+93, Kna02, LR06a, LBD+96, wL94, LCY96, LLM+15, LC97b, NS91, PS97, PKB06, Pie94, PR94a, PS00b, Sei99, SWJ95, SDV+95, SZ99, SSG95, Sti94, TSSZ94, VM95, Wal94a, Wal94b, ZKRA14, ZA14, AMHC11, BC14, BBH+06, BRU05, BDD+95, Cot04, DDK08, Din96, FKS96, FGT96, FGG+98, GGHL+96, GLDS96, GLT99, GL99, GLTO0a, GL04, Han98, IBC+10, KTF03, KKD05, LK10, MTSS94, MSL96, PS01b, RRFH96, SWHP05, SLG95, SWL+01, TGT05, TDB00, Wer95, YGH+14].

Message-Passing [Ano93d, Att96, Cot97, Cot98, DHHW92, DDL00, GLS94, GL95c, GLT00b, MP98, PKK00, Pok96, RRBL01, AAC+05, Ano94d, Ano95c, An00a, Ano00b, BvdSv95, CDZ+98, GL92, Hem96, KJA+93, LR06a, LBD+96, wL94, LLM+15, PS00b, SSG95, Sti94, Din96, GGHL+96, Han98, RRFH96, SLG95, Wer95, YGH+14].


MetaHaskell [Mai12]. metaheuristics [ZSK15]. metal [JLS+14]. MetaMP [OW92]. metaprogramming [Mai12]. meteorological [RSBT95]. Meteorology [HK93, HK95]. Method [ACMR14, BP99, BJS97, CGU12, FCLG07, GSI97, HC06, KMK16, OMK09, Riz17, TSS00a, ARYT17, BBDH14, BCM+16, DSOF11, ETV94, GFIS+18, HE13, HMKV94, HJBB14, HPLT99, JMS14, KS15a, KD12, LCL+12, Nak05b, NS16, PTT94, Pri14, Qu95, SHH18, TKP15, YBZL03, dAMCFN12, AAB+17, OTK15].

Methodologies [Sun94b]. Methodology [MOL05, WTT17, HPR+95, LM94, WMP14]. Methods [BCM00, CMK00, DFN12, EGH+14, FGKT97, GFPG12, KLR+15, KL11, NA01, Sch01, SOM07, TDBEE11, Whi04, ZB97, CEOS07, DF17, D+95, Gra09, Has95, LSR95, MM11, Nak05a, PGK+10, R+92, SL94a, SGS95]. Metric [SNN+19]. Metrics [DW02, PAR14].


Micro-Benchmark [BW+12, YSWY14], microbenchmark [BO01]. Microcoded [PWP+16]. microtask [OIS+06]. MIDAS
Middleware
[DPP01, AUR01, CLL03, CC10]. Migratable
[KOW97, VSRC94, VSRC95, IvdLH00, KBG09]. Migration
[AN94b, CCK+95, CLL03, CML04, CCBPGA15, CTK01, NPP00c, NLRH07, Ott94, OS97, ST97, AMBC93, BBGL96, CKO+94, CRM14, CRGM16, CK99, DDM99, HZ99, LCVD94b, LM13, QHCC17, RRFH96, SS99, SCL97, Ste96]. Milan [HS95a, million [LHLK10]].
Millions [BBG+11]. MIMD
[BvdB94, BB93, BCL00, Uhl95a, WST95]. MIMD/DMMP [BB93]. MiMPI
[GCC99]. mini [SCJH19].
mini-application [SCJH19]. MINIME
[DS16]. MINIME-GPU [DS16].
minimization [POL99]. Minimum
[KA95, Wu99, NCKB12]. mining [MA09].
minisweep [SCJH19]. Mississippi
[IEE94f, IEE95j, IEE94f, IEE95j].
militating [OdSSP12]. Mitigation
[BBH...13a]. Mitsubishi [AN03]. mittels
[Wil94]. Mixed [AS97, BEG+10, CF01, OPP00, ST02a, MRH+96, SK00, SB01].
Mixed-Mode [BEG+10]. Mixing
[CP98, GAP97, CBY18]. mixture [EO15].
MK [NS91]. mm_par2.0 [OKM12]. MN
[AN94h]. Mob [STV97]. Mobile [ITT02].
Mode [BGK08, Bri02, BEG+10, LRT07, SB01, YX95]. Model
[AP96, BGG+02, Bsd07, CKmWH16, Cha02, CZG+08, Dar01, DFA+99, FSXZ14, FBSN01, GLB00, GLR501, HLP11, KD12, LWZ18, LGG16, LA02, LQ01, MKW11, NSLV16, NOO2b, Ran05, RSVP+05, RRBL01, SPM+10, SB95, SPH+18, THN00, VTT97, Val01a, YCA18, AL93, BSC99, Bir94, BG94b, BDD03, CMV+94, CL93, CKP+93, ED94, GZK12, GGC+10, GlkLi97, GWVP+14, GRTZ10, HPLT99, HK09, HK10, KOS+95a, KSL+12, KLV15, LR06b, LA06, LLH+14, Mar05, MdSAS+18, MSZG17, MGC+15, NOO2a, NAK05a, PAdS+17, RAS16, RGDML16, RCG95, Sch93, SH94, Sch99, SMAC08, Str94, VBLvG08, Vis95, Wan02, WC15, WLK+18, WYLC12, YX95, TA14]. Model-Based [AP96, LGG16]. Modeling
[ACM96a, ATM01, BS07, CSC96, CMD93, FST98a, GAM+02, MOL05, NM95, RGD15, SEF+16, TD99, VFD02, XH96, BDP+10, Bic95, JL18, KM10, KEM09, KEGM10, LZYH19, MS99a, XLL13, YMY11].
Modelling
[FST98b, GC05, Ham95a, KDL+95b, BJS99, HTHD99, KDL+95a, MSML10, QHCC17]. Models
[AKK+94, BS93, BZ97, CMK00, Cer99, CNM11, DK06, EMO+93, ESM+94, GJN97, PPF89, SS01, SMO93, Whi04, BB95, CH96, Duv92, KO14, LIV12, MCB05, Nes10, RBT95, RBA17, SYR+09, WAL00, WBSC17]. moderate [Uhl95a]. Modern
[AHP17, DARG13, KDT+12, LNK+15, SM07, HH14, PMZ16]. modes [WZW08].
Modified [Riz17, GP95, KD12]. Modular
[CT02, HPP02, FWS+17, HLS+17]. modulator [WWZ+96]. modulator/DFB
[WWZ+96]. Module [AN08]. Modules
[AKK+94, DS96b]. modules-design
[DS96b]. Molecular
[ABC+96, BST+13, BCG97, BL95, BS07, DR97, DI02, KMB97, LAFA15, MH01, SA93, YWC15, ZB94, BvdDv95, BBK+94, BMPZ94b, BMPZ94a, CC00b, DCD+14, FHS09, JAT97, JMS14, KFA96, KRG13, LSVW08, OKM12, PARB14, SL95, ZWL13]. molecule [ART17].
Moller [BL95, KN17]. Monitor
[SGL+00]. Monitor
[KRS99, Whi94]. Monitoring
[AH00, BCLN97, Beg93b, BMF96, BFTM96b, CD98, DBK+96, GSN+12, LY93, LW97, MFW97, MVY95, SGL+00, UP01, Wis98, Wis01, Yan94, Beg92, Beg93c, Beg93a, BB94, BS96a, BFTM96a, FLB+05, LC07]. Monodomain [ORA12]. Monte
[HHB14, RP95, WH96, ADRC98, AK99, DAK98, NSLV16, RR00, SK00, SKM15, ZZ04]. Monterey
[AN08, Gat95, USE94].
Montpellier [DE91]. Montréal [Lev95].
MOPS [GJN97]. Morehouse [AGH+95].
Morgan [SD13]. Morton [LZH18].
MOSIX [BBGL96, moti] [FMS15].
motors [SKM15]. movement [MV17].
Moving [HA+11, LSG12]. MPEG [GKL95, KFA96]. MPEG [NU05].
MPEG-4 [NU05]. MPI [ARYT17, AD98, Ano94c, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b, BDW97, CHD07, CHD09, CD01, CNDN11, DKD05, DLM99, DKP00, DLO03, GBR07, GEW98, IEE96i, JMS14, KGRD10, Kra02, KKD04, LKD08, MTWD06, Nag05, Per97, PS01b, RWD09, RLVG12, ST02a, TDB00, TBD12, Vre04, WSN99, YMI97, ST02b, AGCDT02, Ada97, Ada98, ACH+11, APJ+16, AASB08, ART17, ATM01, ACRG97, AK99, ABF+17, AHP01, ACMZ11, ALW+15, ALB+18, ADL03a, ADL03b, And98, FH98, AVA+16, Ano93e, Ano94d, Ano98, Ano01a, Ano03, AKE00, AKL99, AJF16, AIM97, ADR+05, AHHP17, Bad16, BV99, BCMR00, Bak98, BF98, BCJK99, BBG+10, BCC+10, BBG+11, BBGP01, BBS99, BBG+14, BA06, BCAD06, BADC07, BGR97a, BKGS02, Ben01, BW12, BHV12, BKH+13, BIL99, BIC05, BP98].
MPI [BF01, BBCR99, BBHD14, BK96, BKAS01, Bha98, BfDA94, B HLS+95, BHS+02, Bis04, BHI...13a, BHI+13b, BDD+13, BIC+10, BR04, BCM+16, BTC+17, BM00, Boo01, BBC+02, BCH+03, BHK+06, BBC+00, BS96b, BMRO2, Bri02, BMM03, BMPS03, BS07, BDL98, Bru95, BDH+95, Bri97, Bru12, BLW99, BBFW01, BFF+10, BCH+08, BWV+12, CGC+02, CSW12, CGC+11, CwCW+11, CRE09, CEE00, CRE01, CC10, CP98, CAH17, CGJ+00, CFKL00, CSS95, CGGB+15, CGG10, CB00, CDMS15, CGS15, CBL10, Cha02, CESG07, CDP99, CCA00, CFDL01, CML03, CGZQ13, CC17, CSAK98, CCA01, CC00a, CGH94, CSSM97, CFMR95, CDD+96, Coo95a, Coo95b, CFF+96, CRGM14, CRM14, CRGM16, CC99, CT02, CD96, CG99b, DPS05, DPSD08, Dan12, DSG17, DZ96, DZ98a, DR18, DW02, DLM+17, DZ98b, Dem96, DPP01].
MPI [DLB07, DS96, DS96a, DRUC12, DKD07, Dl02, DL10, DCPJ12, DCPJ14, DA19, DGG+12, DGB+14, DBB+16, HD02a, DXB96, DOSW95, DCHO2, DBK+09, EZA16, EGH99, EDSV09, ES11, FH97, FD96, FDG97a, FDG97b, FLD98, FD00, FBD01a, FBD01b, FGRD01, FBVD02, FD02a, FD02b, FD04, FCLG07, FB05, FB96, FB97, Fan98, FPY08, FFB99, FNSW99, FTVB00, FFP03, FLPG18, FMS15, FHK01, FHK02, FSC+11, FCS+12, Fin97, Fin94, Fin95, FWNK96, Finn00, FLB+05, FC05, FST98a, FST98b, FJ+17, FKK+96b, FKK96a, GTF96, Fos98, FHPS94a, FHPS94b, FHP+94, FHP+95, Fra95, FWR+95, FKL08, FBSN01, FSL08, GBR97, GFD03, GDF05, GDC15, GGGC99, GGC09, Gao03, GBR15, GCG98, GCC99, GCBL12, GGLH+96, Gei00, GR07, GGL+08, GJR09, GSD97, GBD14, GBH18, GGS99, GR95, GLB00, Gle93, GM13, GJM118].
MPI [GT01, GBH09, GFIF+18, GHZ12, GAVRR17, GRRM99, GAM00, GKS+11, GB98, GMPD98, GPL+96, Gra97, GEW98, GBS+07, GLM+08, GL92, GL94, GL94, GL95a, GL95b, GL95c, GL96, GLDS96, GL97c, GL97b, GHL+98, GL99, GLT99, GLS99, Gro00, GLTO0b, GLTO0a, Gro01a, Gro01b, Gro02a, Gro02b, GT07, GLT12, Gro12, GPC+17, GC05, GSY+13, Gu16, HJ98, HC10, Har94, Har95, HL17, Hat98, HO14, HD02b, HE02, Hem94, HZ96, Hem96, HRZ97, HZ99, HEH98, HGMW12, HM00, HPS+12, HPS+13, Hin11, HRR+11, HDB+12, HDB+13, HDT+15, HKN+01, HMS+19, HLOC96, HKT+12, HVSC11, HWX+13, HM01, HCA16, HGI12, HCF05, Hus98, Hus00, Hus01, HWW07, IDS16, IRU01, ITKT09, IIC02,
JL18, JF95, JDB^+14, Jes93b, JMJ^+11, JS13, JNL^+15, Jon96, JR10, JSH^+05, KB01, KFA96, KS15a]. **MPI**

[ KPWO5, KW14, KFWE18, KD12, Kan12, KFL05, KB98, KK02a, KL94, KYLO3, KYL05, KSJ95, KSJ96, KN17, KBS04, KGK^+03, KBH^+99, KMB97, KLR^+15, KR09, KM99, KEMG10, KRC17, KV98, KAC02, KC06, KBG16, KMH^+14, KRG13, LK14, LAdS^+15, LLR02, LLTD14, LGM00, LRT07, LC97a, LR06b, LTRA02, Les12, LZ97, LFW01, LPD^+11, LCC31, LZH17, LZH18, kLCC^+06, kLCCW07, kL11, LFL11, LS10, LCY96, LCW^+03, LPV04, LWP04, LGG16, LYSS^+16, LB96, LMG17, LCMG17, LNE00, LO96, dLR04, LZYH19, LS08, LL01, LZC^+02, LKJ03, LCC^+03, LKYS04, LSK04, LLH^+14, MBBD13, MMR99, MS02a, MS02b, MV17, MC18, MK16, Man01, Man98, MK17, MVL96, MLAV10, MKP^+96, MSCMC15, MSL12, MH01, MSL96, MS96a, MC98, MGG05, MAS06, MM02, MM03, MOL05, MCS00, MANR09, MRRP11, MG97, MIMM13]. **MPI** [MTW07, MK04, MCL01, MIMH98, MHH99, MS99c, MB00, MvWL^+10, NAW^+96, NO02b, NO02a, Nak05a, Nak05b, NSR07, NE98, NE01, Nes10, NSS12, NH95, NCB^+12, NCB^+17, NA99, NW98, Nit00, NHT02, NHT06, NFG^+10, NN95, OM96, OLG^+16, OKM12, OIS^+06, OD01, OF00, Ong02, OP98, OL05, OGM^+16, OMK09, Pac97, PARB14, Pan14, PK98, PES99, PLK^+04, PS08, PDY14, PS00a, PS01a, PHJM11, PTL^+16, PRR9, PZ12, PKG^+10, PFG97, PLR02, PGAB^+05, PGBF^+07, Pla02, PD11, PSS01, PSK^+10, PTH^+01a, PTH^+01b, PS00b, PTW99, QB12, Qu03, Rab98, Rab99, RDMI99, RR01, Ran07, RSBT95, RMS^+18, Ran05, RA09, RAS16, RCFS96, RBB97a, RBB97b, RBB97c, RSPM98, RTH00, RH01, Ren01, RST02, Ren03, RGD15, RGDM16, RGGP^+18, RNP13, RPM^+08]. **MPI** [Röhl00, Rol08b, RsT06, RFRH96, RRG^+99, RTRG^+07, SE02, SCB14, SCB15, SPM^+10, SSB^+05, Sap97, SSB^+16, SDJ17, SGH12, SBF^+04, SCJH19, SW12, SSB^+02, SG05, Ser97, SS01, SWS^+12, SG12, STY99, SM02, SM03, SPH^+18, SP99, SZ11, SC04, SSC96, SS99, SZBS95a, SZBS95b, SDN99, SvL99, SJ02, SWJ95, SMT96, SH96, SDB94, SLG95, SDV^+95, SPH96, Slo05, SVC^+11, SK00, SB01, SOHL^+96, SOHL^+98, Sn18, SHHC18, SSSL97, Ssu03, Ste96, ST97, Sto98, SU96, Str69, Sum12, SN01, TOTH99, TAH^+01, TSY99, TSY00, TKP15, Tha98, TGL02, TG90, TLY18, TW01, TD99, TOC18, Tra98, THR^+99, TRH00, Trä02b, Trä02a, GTG10, Trä12a, Trä12b, TMP01, TFGM02, Tso07, TFZZ12, UTY02, URKG12, VF02, VS00, VPS17, VSR94, VSR95, VGRS16, VdS00, VP00, VVD^+09, WH96, Wal95]. **MPI** [WO95, Wal96a, WD96, WO96, Wal01a, Wal01b, Wal00, WC09, WLNL03, WLNL06, Wer95, WST95, Wti04, WLR05, WWZ^+96, Wis98, WB96, WM01, WADC99, Wor96, WRA02, WSC99, WT11, WYLC12, WT12, WLYC12, WMP14, XH96, XLW^+09, YM97, YL09, YHL11, YWC11, YCL14, YMBM94, YPA09, YTH^+12, YSP^+05, Zahi, ZZ04, ZLZ^+11, ZW05, ZLP17, ZJDW18, ZLL^+12, ZZ95, ZSnH14, ZRA14, ZTA1, bT01a, diAMCF12, KH96, Mar06, YMY1, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d]. **MPI-1**

[SOHL^+98]. **MPI-2**

[Ano99c, Ano99d, Ano00a, AKL99, BCAD06, BHS^+02, CwCW^+11, CD96, DPS08, GFD03, GGHI96, GT01, GHH^+98, GLT99, GLT00b, GLT00a, HGMW12, LSK04, MS02a, MK04, PS00a, SS99, SSL97, TRH00, bT01a, BADC07]. **MPI-3**

[GBH14, GBH18, GLT12, HDT^+15]. **MPI-ACC**

[APJ^+16]. **MPI-Based**

[Ada97, FSC^+11, RDMB99, SM03, Ada98, Ava^+16, GKS^+11, Gra97, LRW01, OLG^+16, OP98, SZ11, TMP01]. **MPI-basierte**

[Gr97]. **MPI-benchmark** [Ren01].
MPI-CHECK [LCC+03], MPI-CUDA [DR18, dIAMCFN12], MPI-DDL [FB97].

MPI-Delphi [ACGdT02], MPI-driven [Hin11].

MPI-F [FHP+94], MPI-FT [NLN00].

MPI-GLUE [Rab98], MPI-Hybrid [CGC+11].

MPI-I [IRU01, Tsu07].

MPI-I/O [IRU01, Tsu07].

MPI-Interoperable [YBMCB14].

MPI-IO [BIC+10, CGC+02, CFF+96, DL10, FWNK96, FSL98, LLG16, PSK08, PTH+01a, SW12, St08, TGL02, ZO04].

MPI-IO/GPFS [PTH+01a], MPI-LAPI [BGBP01].

MPI-Level [LVP04].

MPI-like [CGJ+00].

MPI-only [LS10].

MPI-OpenCL [JNL+15], MPI-OpenMP [MS02b].

MPI-parallelized [KMG99].

MPI-Performance-Aware-Reallocation [GFIS+18].

MPI-StopT [Hus98].

MPI-The [Ano99c, Ano99d].

MPI-Umgebung [GR97].

MPI/CUDA [JMM11].

MPI/GAMMA [CC00a].

MPI/GPU [EZBA16].

MPI/GPU-code [EZBA16].

MPI/MBCF [MMH99].

MPI/OpenACC [OGM+16].

MPI/OpenMP [ADR+05, GÁVRL17, HKN+01, JR10, KS15a, KN17, KLR+15, KRG13, LLRS02, PZ12, SB01, WT12].

MPI/PVM [ES11].

MPI/RT [SKD+04].

MPI/RT-1.1 [SKD+04].

MPI/SMPBs [MLAV10].

MPI1 [St94].

MPI2 [MP98, Wa06].

MPI2007 [MVW+10].

MPI_Allgather [GMDMBD+07].

MPI_Connect [FRD01].

MPICH

[BB+02b, BKK+06, Cot98, Cot04, GL97a, KTF03, LKJ03, OPM06, OF00, RE06, RST06, SBG+02, TRG05].

MPICH-CM [SBG+02].

MPICH-G2 [Cot04, KTF03, OPM06].

MPICH-GQ [RFG+00].

MPICH-V [BB+02b, BHK+06].

MPICH-V2 [BCH+03].

MPICH2 [BMG07, Gro02b, ZSG12].

MPIConnect [FLD98].

mpiicroscope [Trå12b].

MPIGeneNet [GDM18].

mpiJava [BCF99].

MPINE [Sot01].

MPIPOV [FB99].

MPI-IP [HI02].

MPIWiz [XLW+09].

MPI [CGJ+00].

MPI+ [CRD99].

MPP [CDJ95, DSW96, GBR97].

MPII-Systeme [GBR97].

MPiSs [BG97a, RB97a].

MPISoC [KK+08, KH10, PSM+14].

MPISoCs [MB12, NEM17].

MPIVM [CCK+95].

MRI [LSS15].

MRO [MMM13].

MRO-MPI [MMM13].

Multi [Ada98, ABB+10, BRI01, CAWL17, CZG+08, DWL+10, EBGK01, FSX14, HD02b, HRZ07, JCH+08, JNL+15, KBA02, KTO2, LTS16, LM13, MLGW18, MG15, MB00, NMS+14, PZ12, RG18, RR02, SMI93a, ST02a, ST02b, SSB+17, WBH97, YGH+14, ACMZR11, AGM06, BCK+09, DCH02, DWL+12, Fin94, Fin95, FHB+13, HTA08, HE15, JR13, JJM+11, JR10, KSG13, KLV15, KO14, Kom15, LSG12, LS10, LHH+14, MALM95, NSM12, SC515, SFSV13, SVC+11, SAP16, Str12, TS12b, TFZZ12, WCC+07, WW09, WADC99, WYLC12, ZAF16, ZWZ+95, ZZZ+15, SAP16, SG14].

multi- [ACMZR11, KSG13].

multi- [AK15].

multi-accelerator [KLV+15].

multi-agent [ZWZ+95].

multi-agents [KBA02].

Multi-Array [LTS16].

Multi-cluster [ST02b, KO14, Kom15].

Multi-Core [ABB+10, Bri10, BCKP00, CAWL17, CZG+08, DWL+10, EBGK01, FSX14, HD02b, HRZ07, JCH+08, JNL+15, KBA02, KTO2, LTS16, LM13, MLGW18, MG15, MB00, NMS+14, PZ12, RG18, RR02, SMI93a, ST02a, ST02b, SSB+17, WBH97, YGH+14, ACMZR11, AGM06, BCK+09, DCH02, DWL+12, Fin94, Fin95, FHB+13, HTA08, HE15, JR13, JJM+11, JR10, KSG13, KLV15, KO14, Kom15, LSG12, LS10, LHH+14, MALM95, NSM12, SC515, SFSV13, SVC+11, SAP16, Str12, TS12b, TFZZ12, WCC+07, WW09, WADC99, WYLC12, ZAF16, ZWZ+95, ZZZ+15, SAP16, SG14].

multi-CPU [SAP16].

multi-CPU/multi-GPU [SAP16].

Multi-Dimensional [HD02b, KTO2, RG18].

multi-endpoint [LHH+14].

Multi-GPU [JNL+15, NMS+14, NSM12, TS12b, SAP16, SG14].

multi-kernel [SAP16].

Multi-level [CAWL17, LM13, HE15, MALM95, ZZZ+15].

Multi-Network [BCKP00].

Multi-Node [HRZ97].

multi-petaflops [LSG12].
Multi-phase [ZAFAM16]. Multi-Physics [WBH97]. multi-place [BCK+09].
Multi-platform [DWL+10, DWL+12]. Multi-Processing [MLGW18].
Multi-Processor [RR02, Smi93a, DCH02]. multi-programming [WADC99].
Multi-protocol [MB00]. multi-socket [LS10]. Multi-Stage [FSXZ14].
Multi-Threaded [MG15, Ada98, EBG10, SCB15]. Multi-Threaded [MLGW18].
Multi-Zone [JCH+08, AGM06]. Multiblock [IDD94, DLR94]. Multicast [CCA00, CDPM03, ZGN94]. Multicasting [SE02]. multicenter [CwCW+11].
MultiCL [APBCF16]: multicomputer [SWJ95, TD99]. multicomputers [HWW97, Yan94, YX95]. Multiconference [Ten95]. Multicore [BDT08, CGC+11, CB16, DS16, GDM18, KDT+12, LNK+15, WT12, YKW+18, CLYC16, GJLT11, HWX+13, JPOJ12, KN17, LS10, MBBD13, MM11, Nob08, OPW+12, PDY14, QBI2, RGDML16, WCS+13, WT11, WLYC12, YHL11, YWCC11, diAMC11].
multi-core/many [MBBD13]. multicore/many-core [MBBD13]. Multicores [GDDM17, UGT09].
multidestination [Pan95a]. multidimensional [CSW99, PDY14, ZT17]. multidisciplinary [Fin94, Fin95]. multifrontal [IM95]. Multigrain [AZG17, IOK00]. Multigrid
[BCM80, AGIS94, IHM05, Lou95, Mic93, Mic95, PSL199, RM99, Sta95a, ZZG+14]. Multigroup [QRG95, QRMG96].
Multilevel [PSSS01, BAV08, ETY94, GAM+00, JJY+03]. multimedia [GBF+14]. multimethod
[FGT96]. Multiobjective [RLVRGP12]. Multiparamdigm [FS98]. Multiphase
[SPH+18]. Multiphysics [NPS12]. Multiplatform [SM+16]. Multiple
[BSG00, CB16, FGTK97, FBSN01, JPT14, JSH+05, KMM15, LTD0, NTR16, Pet01, Tsu12, ZC10, ES13, GM18, KGB+09, KKL11, SHHC18]. Multi-Phase
[ZC10, JPT14]. Multiplication [AKL16, DS13, Fu08, TQDL01, FAF16, FJZ+14, XKL13]. Multipole
[AAB+17, LCL+12, YBZL03]. Multiported [SG15]. Multiprocessing [MW93, VGS14].
Multiprocessor [Pet97, ABCI95a, ABCI95b, ADMV05].
MultiProcessors [BDV03, CC99, HPP02, NPP+004, SBW91, SS01, Tra98, JE95, KC06, SYR+09, AGIS94].
multiprogrammed [TSY99]. Multiprogramming [BHP+03].
Multiprotocol [BHK+06]. Multirail [LVP04]. multiscale [CwCW+11].
multiservice [CLLAPD99]. multisource [ZDR04]. multistage [ZGN94]. Multistart [Cza13].
multitasking [FH95].
multithread [GCC99, SWYC94, ZG98].
multithread-safe [GCC99]. Multithreaded [ALB+18, AZG17, DGG+12, PS01b, RBA05, TGBS05, WJ12, DSG17, TMC09, TG09, WCC+07].
Multithreading [BBG+10, ZWL13]. Munich
[BDLS96, GH94]. Mushy [Wit16].
MUST [HPS+12, HPS+13]. mutual
[She95]. MVAPICH [RMS+18]. MVICH
[FO00]. Myocardial [Pat93]. Myrinet
[GBH99, CDP99, JSH+05, LCW+03, PTW99, Tout00].

n [Pan95a, ADB94, RTRG+07]. N-body
[ADB94, RTRG+07]. n-cube [Pan95a].
NAG [DHP97, For95, Mcd96]. NAMD
[PZKK02]. Naming [MSF00]. Nancy
[BR95a]. NanosCompiler [GAM+00].
Narrow [YSS+17]. NAS
[CRE99, CE00, CCCF+94, CDD+96, KS96, KAC02, MMH99, WAS95b, WT11, WT12].
NASA [MAB05]. NASLU [PHJM11].
Non-singleton [TVCB18].
Non-stop [Gua16]. nonaligned [AGIS94].
Non-contiguous [JDB+14, TGL02].
Nondeterminacy [DKF93]. nondeterminism [Obe96].
Nondeterministic [KSV01, CRD99].
Nonlinear [Nak03, Was95a, ZB97, CEGS07, Jou94].
nonnegative [KBP16].
nonsymmetric [dH94].
Nordic [FF95].
Norfolk [Sin93].
normalized [Gra09].
North [CJNW95].
Note [BR02, SGHL01]. Notre [IEE96i].
novel [DDYM99, GKK09, MSL12].
November [ACM96c, ACM97b, ACM98a, ACM99, ACM00, ACM01, ACM03, ACM04, ACM05, Ano94c, ACER94, BDW97, GUA95, HK95, Hol12, IEE91, IEE93e, IEE94h, IEE94i, IEE94k, LCK11, USE94].
Observe [CGG10].
Observations [ZKRA14].
Ocean [ACDR94, GN95, MC94, EM94, SHH94a, SHH94b].
Oceans [IEE94c, IEE94c].
Octree [LZL17, LZL18, UALKI7, HSP+13].
October [Ano93f, Ano94e, Ano94i, Ara95, BPG94, Bha93, BDLS96, CHD07, CGB+10, DSM94, DLO03, DE91, GGK+93, IEE94f, IEE95a, IEE95g, IEE95j, IEE96b, Sch93, Sie92a, Sie92b, Tou96, USE00, UCW95, Vou93].
O&M [Bos96, CFF+96, DRUC12, IRU01, IBC+10, LkLC+03, kLCC+06, MV17, MC18, MG12, MG15, PSS08, PLR02, RK01, SBQ14, Tha98, Tsu07, WSN99, ZJDW18].
O2000 [CML04].
O2WebCL [CHKK15].
Oberammergau [BPG94].
Object [Ada97, BCFK99, CKL00, FMSG17, MSL96, PD98, SWL+01, YHL01, YX95, Ada98, BR91, DM12, LK16, OKM12, RFF+95, SL94b, TDG13].
Object-Oriented [DKF93].
Object-Oriented [JDB+14, TGL02].
Object-Oriented [DKF93].
Objects [KH15, Man01, MFC98, HS93, SOAI1, SC95, YWO95, ZPL96].
Oblivious [LZH17, LZH18, UALKI7, HSP+13].
ODEs [Pet97].
OdeMP [BB00].
OdeMP/CCP [BB00].
OffLine [CGS15].
Off-Line [CGS15].
Offering [EK97].
Official [Ano98].
Offload [BRU05].
Offloading [MGA+17, DSGS17, KGB16].
Oil [FSXZ14, ZAFAM16].
OKs [Ano03]. old [LK14].
OMB [BWV+12].
OMB-GPU [BWV+12].
OMIS [LW97].
Omni [KSS00, KSSH01].
OmniRPC [SHTS01].
OMP [SGJ+03].
OMP2001 [TSB03].
OMP2012 [MBB+12].
OMPI [ACH+11, OM96].
OmpSs [ABF+17, PSB+19, YAJG+15].
on-chip
[TDG13]. On-Demand [CTK00]. On-Line
[BoFBW00, Wis98]. On-the-fly [KSJ14].
ONC [RS93]. One
[BPSo1, GFo03, Gfo05, GBH14, GT01,
HDB+12, LRT07, MH01, TGT05, TR00,
ZSG12, bT01a, DBB+16, GBH18, LSK04,
MS99c, Ols95, PGK+10, dIAMC11].
one-dimensional [Ols95]. one-layer
[dIAMC11]. One-Sided
[BPSo1, GFo03, Gfo05, GT01, HDB+12,
LRT07, MH01, TGT05, TR00, ZSG12,
bT01a, DBB+16, LSK04, MS99c, PGK+10].
only [LS10, Squ03]. Ontario [GGK+93].
onto [OFA+15]. OOMPI [MSL96]. OOPS
[RFH+95]. OPAL [CwCW+11, NW98].
OPEN-MPI [NW98]. opaque [SOA11].
Open [BGG+15, KDL+95b, AVA+16,
KDL+95a, GBS+07, VGRS11].
Open-Source [BGG+15, AVA+16, NOb08].
OpenACC [CGK+16, CCBPGA15,
GML+16, GM18, HTJ+16, JCP15, KLV15,
Kom15, LB16, LSG12, MGS+16, QHG17,
RFLdS13, SCJH19, WKL+18].
OpenACC-based [KLV15]. OpenCL
[ABDP15, APBF16, AB13, BLPP13,
BDW16, BN12, BHW+12, BBH+15, BAS13,
CDD+13, CP15, CLOL18, CJ+10, CHKK15,
CCK12, CS14, CLBS17, DARG13, Di 14,
DWL+12, DFW+15, FLMR17, FE17,
FVS14, FVLS15, GSeFM13, GDDM17,
HD11, HE15, HHC+18, JSS+15, JKM+17,
JR13, JNL+15, JMDVG+17, KK15, KH12,
KM10, KKL11, KSL+12, KJJ+16, KB13,
KPK13, Lee12, LNK+15, LWZ18, LL16,
LAFA15, MC17, MAIVA14, MIV+15,
MSZG17, MSHNK16, ON12, OTK15, ORA12,
PCY14, PHV+13, PSB+19, PBL2, RG18,
RGG13, RBB15, RGB18, RBB17, FSF13,
SAP16, SSB+17, SG14, SFLD15, SGS10,
Str12, THS+15, TK16, TMW17, TKP15,
TY14, WTTH17, WZH16, YSWY14,
YWT15, YSL+12, ZWL+17, ZT17, dAT17].
OpenCL-accelerated [ZWL+17].
OpenCL-Based

[CLOL18, WTTH17, WZH16, JKM+17].
OpenCL-to-WebCL [CHKK15]. OpenGL
[ANO98, LHZ97, ORA12]. openMosix
[Slo05]. OpenMP
[Cha05, CZG+08, CGKM11, CMR12,
EVO1, JMS14, MDS09, SM+10, V0303,
OKM12, ST02a, ST02b, ADd01, ARw03,
ABC+00, AHD12, AAB+17, AELE16,
ACMR11, ATL+12, ADT+14, ACJ12,
An07, An01b, AN03, AK00, ADMV05,
A0R+05, AGMR06, AM07, ACD+09,
ABB+10, BA+13, BR02, BHP+03, BME02,
Ben18, BN00, BF01, BBDH14, BWV+12,
BCC+00a, BCC+00b, BGK08, BGG+02,
BS01, BS05, BBC+00, Bra97, Bri00, BDV03,
BS07, BB00, BKO00, B001, BEG+10, BB18,
CRE99, CE00, Car07, CB00, CGLD11,
CDK+01, CYLC16, CM98, CHPP01,
CBPP12, Cha02, CM05, CGKM11,
CMMR12, Cla98, CYB18, CCM+06,
CCBPGA15, CC00b, DM98, DW02,
DBVF01, DSGS17, HD02a, DFC+07,
DFA+09, ETWAm12, Em00a, Em00b, EV01,
Ed08, FGR10, FMSG17, FSXZ14].
OpenMP
[FM09, GSA08, GP01, GSM17, GG09,
Goe02, GAVR17, GAN+00, GAML01,
GOM+01, GAM+02, Gra09, HPP02, HP05,
HDDG09, HA10, HO14, HD02b, HMK09,
HASp00, HKN+01, HAJK01, HVSC11,
HLCC00, HT01, HCL05, HEHC09, HJYC10,
HAA+11, LM+05, ICC02, IOK00, ITT02,
JCP15, JKH08, POJ12, JFY00, JFY+03,
JCH+08, JMM+11, JRO10, KB01, KS15a,
KBO01, KAM10, KO101, KN17, KKH03,
KT02, KSJ14, KLR+15, KBVP07, KBG+09,
KKV01, KTV10, K15H, KAC02, KC06,
Kuh98, KPO00, KR031, KSS00, KSHS01,
KJEM12, LOH01, LP00, LRS02, LTS16,
LD01, LME09, LLC13, LHC+07, LN+12,
LYS+16, LA02, LA06, LMRG14, LHZ98,
LL1, LLH+14, MKC+12, MS02b, MAL01,
MM07, MB12, MAR02, MAR03, MLC04, MAR05,
out-of-core [BL99]. Output [CFF94, HE92, JW96]. Outstanding [LSB95]. Overcoming [JKHK08].


parabolized [SCC95]. ParADE [KKH03]. Paradigm [HIP02]. Paradigms [BGI12, CM98, HD02a, HD02b]. Paradyn [MHC94a, MHC94b]. Paragon [An96c, HWW97, MP95, PR94a]. Parallel [ACM95b, Ada97, ATC94, Agr95a, AMHC11, AGH+95, AS92, ADRC98, AK99, AMBG93, ASA97, AL96, AP96, An95b, ACMR14, AB93a, ALF16, BMH94, BJ93, BBG+95, BCGL97, BFL99, BP99, BG95, BS93, BDG+91a, BKGS92, Ben01, BP98, Bha93, Bic95, BKG08, Bis04, BALU95, BCL00, BSG00, BBC+00, BBG+01, BFZ97, BLD98, BDH+95, BDH+97, BT01b, BMS94b, BMP94a, BFM97, BK000, BBH12, BGL00, CGC+02, CHD07, Cer99, CDZ+98, CUC95, CDK+01, Cha02, CGB+10, CNC10, CFF+94, CSW97, CMH99, CFPS95, CCM97, Coo95b, CT94a, CT94b, C000b, Cz0c, DMSM94, DERC01, DYN96, DK13, Di14, Di02, DSS00, D+91, DMR+92, DGM93, DT94, DZDR95, DK06, EKTB99, EIR95, EM00a, E00b, EG092, EJL92, ES11, FGRD01, FHS99, FJBB+00, FFP03, Fer98b, FHK01, Fis01, For95, FP92].

Parallel [FB94, FS93, FF95, GCBM97, GLN08, GB+94, GKP97, GR07, GI97, GSMK17, GDM18, GB98, GHL97, GK10, GFG12, GJ97, Gre94, GL97a, GL97b, GlvyCy97, HJ98, HLP10, HO14, HK94, HK95, HK94, HHT01, HAA+11, IEE93b, IEE94a, IEE94f, IEE95b, IEE95f, IEE95g, IEE95j, IEE96b, IEE96c, IEE96g, IEE96e, IEE96d, IE97b, IE05, ITKT00, IBC+10, IOK00, IDD04, IH04, IHM05, JAT97, JML01, Jou94, JRM94, KF96, Kan12, KK92a, KO10, KNT02, Kat93, KBS04, Kep05, Kn910, KR09, Kon00, KKP01, KMC96, KMC97, KS96, KKV96, KD04, KS01, KV97, KS01, Kuh98, KGB16, Kum94, L104, LTDD14, LTR00, LDK08, LSL02, LTRA02, LHMM96, L96, LZ97, LHZ97, LKK96, LSS96, Lus00, MS0G91, MS02b, MM92, MC18, MWG97, dIFMBdlFM02, Mar06, Mar07]. Parallel [MFTB95, MSCP95, Mat94, Mat95, MBS15, MGC12, MG15, MR917, MM11, Mic93, Mic95, MTW06, MCLD01, MS95].
MCdS+08, MBB+12, MSB97, NO02b, NO02a, Nak03, Nak05a, Nak05b, NSZS13, Nar95, NSS12, NAJ99, NJ01, Nov95, Oed93, OP10, OLG01, Ong02, Ott93, OWSA95, Pac97, PPT96a, PVKE01, Pat93, PSZE00, PV97, Per99, Per96, PLR02, PWPD19, PKB+16, PBC+01, PBC+01, PBC+01, PBC+01, Qiu03, RR00, RDMB99, RBS94, Rec96, RS95, RC97, RSV+05, Röö00, Roj94, RWD09, RLT99, RLL01, SCF97, SPE95, SGZ00, Sch01, Sch96a, Sch96b, Seg10, Ser97, Sev98, She95, SM03, SP99, Sie94, Sie92a, Sie92b, Sin93, STV97, SWH15, Sou01, Sta95b, Ste94, SSN94, SGS10, Str96, Str97, Str94, SNMP10, Sun90a, Sun90b, Sun94a, Syd94, TMP16, TSS00b, TTP97, TC94, TCP15.

Parallel
[ TQDL01, THN00, TDBEE11, Tsu07, TVV96, Uhl94, Uhl95b, UH96, UCW95, VLO+08, VRS00, VB99, WH96, Wa01a, We04, WAS95b, WHD05, WO97, WSN99, WTR03, WT12, YHL01, YH96, YPA94, YG96, YTH+12, YZC95, YSL+12, ZB94, ZZ04, ZDR04, ZWJ05, ZAT+07, ZLS+15, ZZZ+15, ZGC94, ZB97, van97, ACM97a, ARvW03, APBeF16, ART17, AAAA16, AD98, AL92, AFB+17, ASC95, ADT14, AD95, AC92, An93b, An95c, An00b, ADB94, ADD95, AB93b, AFST95, AB93, AGS94, ADMV05, BHJ96, BBB+94, BB91, BA06, BHS18, BB95, BCAD06, BB93, BDG+92b, BB94, BPC94, Ben95, BvdLVS99, BKH+13, BAV08, BN00, Bir94, BCM+16, BM95, Bos96, BFFR96, BID95, Bru95, BDW97, BSH15, CARB10, CL93, CGK11, Cav93, CLdJ+15, CLSP07, CT13, CLY16, CKW16, Cha05]. parallel
[ Cha96, CGL+93, CEFS07, CH94, CZ96, Che99, CIL+10, CS96, CSW99, Cla98, CEF+95, CDD+96, CdGM96, CBHH94, Coo95a, CCHW03, CLASLDP99, CFF+96, CPR+95, CD01, CDH+94, CKP+94, CB11, DK93, DKF94b, DR18, DLR94, DLR99, DDS+94, DR94, DSB94, DM03, DRUC12, DBVF01, DK05, DvdLVS94, DXB96, DMW96, DLM99, DP00, DLO03, Duv92, DZYY94, EASS95, EV01, FB96, FFB99, FM90, FO94, FSTG99, Fer98a, FMS15, FCS+12, FKK+96b, FFMI11, FHC+95, GG99, GCN+10, GGL+08, GFB95, GG09, GFB+14, GÄVRRL17, GKS+11, GEW98, GKK90, GKF13, Gra99, GP95, HAM95b, HPY+93, HWS90, Heb93, HPS+96, HZ94, HZ99, HPLT99, HDB+13, HYS95, H95, HLOC96, HSV11, HLO+16, IE97a, IM95, JW96, JC17, JY95, JMM+11, JC96, JMDVG+17, KCD+97, KBHS19, KOB01, KBB16]. parallel [ KN17, KOS+95a, KL95, Kos95b, KRC17, KG03, KFFS94, Kra02, KKF+08, KL90, LCM+12, LH98, LS10, LCVD94a, LMM+15, Lor95, LG93, LM93, LC97b, LSR95, MMA99, MYB16, MBM+94, MZK93, MM95, Mar05, MSP93, MK00, MN91, MHC94a, MRRP11, MLA95, MLA+14, MRH+96, MHH99, Mor95, MC99, MR96, MvWL+10, NSB07, Neu94, NB06, NBGS89, NC012, NF49, OdSSP12, Ols95, Olu14, OW92, PAA10, PPT96b, PPT96c, PKB06, PBC+95, PV01, PBK99, PPF89, PY95, PBPT95, PSL95, PCS94, Ram07, RJ95, RBB15, RO89, RBB17, SJLM14, SM12, SK95, SH94, Sch94, Sch99, SPK96, SFW94, SWC94, SK92, SCC96, SL00, MAC08, S211, SPL99, SMS00, SVC+11, Sm93b, STT96, SH14, SRK+12, SL96, Sta95a, St94, SMSW06, Sun95, Sur95a, Sut96, SL95, TJD09]. parallel
[ TDB00, TMB01, Uh95a, Uh95c, VM95, Vis95, Vos03, Wan97, Was96, Was95a, WK08a, WK08b, WK08c, Wo92, WT11, WYLC12, WLYC12, WM14, YLM+17, YHL11, YZC11, YZC11, YZC11, ZL96, ZWHS95, ZAFAM16, ZWL13, ZD18, ZWL+17, dH94, ARL+94, An94c, An94f, ACD+94, BDLS96, BS94, BC94b, Bos96, CC95, Cza13, DSM94, DHO97, DW94, EJL92, FR95, FF95, GN95, JPE94, JPP95, JKH05, Kum94, LK10, LK+03, Mal95, MKP+96, OKW95, PQ207, QRG95, SSS96,
parallel-programming [KKJ +08].

distributed [FHC +95, Wan97].

paralleles [BL94].

Parallelisation [SJk +17a, SJk +17b, WCVR96, LF93b].

Parallelism

parallel/distributed [FHC +95, Wan97].

Parallelisation [AL93, And98, AIM97, BCM11, BS07, CRE99, CP97, Cou93, Cza03, ETV94, HA10, JR10, Kik93, KLR +15, LP00, OD01, Pok96, QMGR00, Rag96, RP95, RM99, RS97, SAS01, WPI95, WZWS08, WR01, aMST07, AGMJ06, BW12, BDY99, BJS99, CDD +96, Gao03, Goe02, IDS16, LJM +05, JL18, JYJ +03, JMS14, KS15a, KD12, KRG13, MCB05, MGG05, Nes10, NEM17, OLG +16, TWFO09, VBLvdG08].

Parallelized

Parallelizercentrum [Eng00].

Parallizing [LRQ01].

Parallel Parame

Parameter [LLG12, Pat93].

Parametric

Paravirtualization

Parco93 [JPTE94].

Parco93 [SCB14].

Parcs

Partitioning

Passing

Passage

Parsimonious
Pollution [AKK+94, BZ97, MPD04, MSML10, SH94, Syd94].

POLSYS_GL [SMSW06].

polygonization [TSP95], polygons [CT13], polyhedral [BHR508, KGB+96, MPD04, MSML10, SH94, Syd94].

POLSYS GLP [SMSW06].

decoration [YV15, HLM+17, SMSW06].

port [CCHW03, Har94, RJMC93]. Portability [KaM10, RS95, ABDF15, CGK+16, FZ17, MGC+15, PHW+13, QHCC17, Reu03].

Portable [Ano95c, Ano00b, BHV12, BHLS+95, CDH+94, DHK97, Di 14, FCLG07, FSLS98, GLS94, GL97a, GLS99, JSS+15, LNLE00, Man98, MKV+01, MG97, PPT96a, PBC+01, SCCS95, SDB+16, StH94, Tra98, WCH+13, YBMCB14, Arn95, BCK+09, BiDA94, BB00, BL99, BAS13, CH94, CEF+95, DOV+10, DLL+12, FAF16, FWK96, GR95, GL94, GLS96, HTJ+16, IZ94, HSW+12, JF96, KN95, LFS9a, LFS93a, LFC93, LHF+07, MMB+94, PPT96b, PPT96c, PMZM16, SFLD15, StO98, VM95]. portal [AASB08].

portals [BS96b, BMRO02, BRM03].

Portfolio [IS17]. Portfolio-driven [IS17]. Porting [Ano96c, BSC99, BLW98, EM02, Har94, Har95, HASP00, KGK+03, KME09, SR96, YKLD17, DCH93, Bvd94, HD11, MWO95, ZPLS96].

Practical [BHJ96, BCP+97, CZG+08, RHG+96, TGBS05, AMS94, BHR508, LPD+11, MeK94, Pan95b, VVD+09].

Practice [AC11, GN95]. praktische [MS04]. Pre [AC17], Pre-processor [AC17].

precedence [EGR15].

precedence-Constrained [EGR15].

precise [FJK+17], Precision [Ano98, Kha13, ZC10, JPT14].

Preconditioned [GFPG12, ABF+17, MM92].

Preconditioner [BSS99, FSXZ14].

Preconditioners [Huc96].

preconditioning [GFPG12, ABF+17, MM92].

predictability [GRM99]. Predicting [RRAGM97].

prediction [MOL05, WHDB05, ZWJK05, AD+05, BDV03, CMV+94, HA95, RAI017, SEC15, SC96b, SNN94, Wad95a, ZA+07].

predictive [FJK+17].

preferences [BBH+06, BBGL96].

Preface [DKD07, OL05]. Prefetching [BIC+10].

Prefix [WJ12, DK13, MYB16].

preliminary [BF98, Wad01a, WL+18, RJC95, RLC93, SWS+12].

Predictive [BBS99, FSXZ14].

prediction [GRM99].

Prentice [BBS99].

prescription [MRH+96].

present [Dar01].

presented [ACM90].

preservation [GRM99].

Press [Dar01].

presenting [YM97].

preserving [EGR15].

principles [BSC99, HS12, SSP+94].

printing [YM97].

priority [DR95, Man98]. Prism [SD99].

private [Str94]. privatization [KRG13].

Probabilistic [LAE+15]. Probability [QRM96, Sta95b]. Problem [BSH15, DALD18, DAK98, GAMR00, ICC02, Lee06, MTSS94, RLRG02, ZSnH01, AB93b, DSM94, GM94, GKF13, HMKV94, IHO05, MIM92, SL00, SP11, Cza13].

Problems [ASA97, BHM94, BMH96, BMRO01, BPMN97].
CGPR98, EML98, HAA+1, DK02, MBS15, Nak03, Riz17, AL96, CEGS07, FR95, LSR95, NZZ94, OMK09, SC96a, SD99]. procedure [AGLv96]. Proceedings [ACM94, ACM96c, ACM97a, ACM97b, ACM98b, ACM98a, ACD94, CJNW95, GN95, Hol12, IEE93f, IEE95d, IEE02, KG93, LCK11, MC94, R+92, SM07, Ten95, TG94, dGJM94, ACM96b, Ano94e, Ano94i, BPG94, Boi97, BH95, CLK+95, DSN94, DE91, EJL92, FF95, GHH+93, HK95, HK94, IEE94a, IEE94b, IEE94c, IEE95b, IE95e, IE96a, IE97c, IEE05, JPT94, Kum94, LF+93a, Li96, PSB+94, PBPT95, SPE95, SW91, WPH94, ACM90, ACM95a, ACM95b, ACM96a, AT94C, Agr95a, AGH+95, AH95, Ano89, Ano92, Ano94a, BBG+95, Bh93a, CHD07, CGZ+98, CGKM11, CMMR12, CD+10, CSDN11, DKN+92, DT94, DLO03, EdS08, ERS95, ERS96, Fer92, FK95, GKK+93, GA96, GT94, Ham95a, H95, HK93, IEE91, IEE92, IEE93d, IEE93c, IEE93b, IEE93e, IEE94e, IEE94d, IEE94f, IEE94h, IEE94g, IE95h, IE95k]. Proceedings [IEE95i, IEE95f, IEE95g, IEE95j, IEE96a, IEE96c, IEE96e, IEE96d, IEE96b, KGRD10, LKD08, MMH93, MTWD06, PBBG95, Bha93, CHD07, CGZ+98, CGKM11, CMMR12, CD+10, CSDN11, DKN+92, DT94, DLO03, EdS08, ERS95, ERS96, Fer92, FK95, GKK+93, GA96, GT94, Ham95a, H95, HK93, IEE91, IEE92, IEE93d, IEE93c, IEE93b, IEE93e, IEE94e, IEE94d, IEE94f, IEE94h, IEE94g, IE95h, IE95k].

Process [AUR01, BGL00, CLL03, DeP03, DK06, FGD97a, FGD97b, FLD98, FP08, KCP+94b, KOW97, PS00a, SC04, ST97, Tra02a, BK11, BBGL96, CK99, FLD96, GL95a, HRR+11, HG12, JLS+14, KCP+94a, MLS16, MK00, SHHC18, Ste96]. Processor [BGL00]. Processed [HJ98]. Processes [AT94C, Agr95a, AR01, BBG+95, DKN+92, GCM99, GGCV01, HJBB14, IE93b, IE93f, IE95e, IE95h, IE95f, IE95g, IE96b, IE96g, IE96c, IE96d, IE97b, IE05, IOK00, JDB+14, KO101, KS15b, LSVM08, MLGW18, MC18, MSML10, Nar95, NH95, NJ01, PLR02, PD98, Rec96, RRBl01, Rol94, SCP97, Sev98, Sie94, Sin93, VLO+08, WN10, AB95, Ano94f, BJ13, BHS18, BMF96, CPF95, CCLSAP09, DS94, FWS+17, GDC15, GGCC99, Gre94, HAM95b, HPS+96, J96, Kat93, Kum94, LHLK10, LG93, PSB+94, PP95, RKBA+13, R90h0, RCC95, SSS99, SLS96, VDL+15, Wol92, WWFT11]. Processor-Oblivious [UALK17]. Processors [AJ97, Btri10, HK93, HK95, KMWH10, MJB15, OLG01, PZKK02, BBG+95, CBM+08, DCLG11, HTA08, HXW+13]. Producing [HAK01]. product [CMH99, ER12, SMSW06]. production [C1dJ+15, SL00]. productive [LV12]. Productivity [BS07, KaM10, W16]. products [Ano97, Bra97]. profile [TWF009, WFT014]. profile-driven [TWF009, WFT014]. profiler [AS92]. profiles [Wl94]. profiling [GPL+96, LHZY19, Rab99, Vet02]. Program [Ano96d, AB93a, BMS94b, CHP01, Cot97, EML98, MM95, MK17, MRV00, Ney00, P01, TSY00, TH00, UT02, CDZ+98, JF95, LP00, LLC13, OKM12, PPF89, Sai10, TNIB17, TMPJ01, ZL96]. programación
Programmable [OA17].
Programmcode [BL94]. 
Programmer [Gua16, Wit16]. programmers [CGG10].
Programming
[ACM90, Ada97, ACGR97, ASA97, ACJ12, Ano96b, BBG⁺10, BLP93, BHV12, BF01, BBZ⁺01, BK000, CMK00, CDK⁺01, CKnWh16, Cha02, CZG⁺08, CF01, Cza03, DM98, DAR13, DDL00, DK06, DWL⁺10, EM00a, EM00b, FTVB00, FWR⁺95, GLRS01, GLS94, GLS99, HA11, HDB⁺12, HDT⁺15, KKH03, Kep05, KP96, KnWH10, KVH97, Lad04, La01, LRRS02, MSOG01, Mat94, Mat95, MCdS⁺08, NO02b, SP⁺10, SK10, SS01, SDN99, SHH94b, ST02a, ST02b, SGS10, Stp02, TTP97, VT97, Vre04, Wal01a, Wal02, WO97, YM97, YHGL01, YCA18, ACGrT02, AMuHK15, Ano95c, Ano00b, AB13, BJ13, BCA⁺06, BB94, BS96a, BKH⁺13, CLY16, CEF⁺95, CDH⁺94, CGH⁺14, DWL⁺12, DuV92, EASS95, EV01, FB95, FB06, Fan98, FSTG99, Fer04, Fra95, FHB⁺13, FF95, GHD12, Gei96, GBH14, GBH18, GRTZ10].
programming
[HTA08, HS93, HZ94, HDB⁺13, HVSH95, HSW⁺12, HZG08, KDSO12, KOB01, KSG13, KSL⁺12, KL15, KPNM16, KFFS94, KKJ⁺08, LV12, LFS93a, LFS93b, LH98, LP⁺11, LLH⁺14, MMB⁺94, MVT96, MSP93, MC99, MGC⁺15, NO02a, Nak05a, NYNT12, NBGS08, OIS⁺06, Ohi14, OW92, Pac07, PVKE01, PF05, Qui03, RJDH14, iSYS12, SSKF95, SYR⁺09, Seg10, SPK96, SBF94, SPL99, SHH94a, SD99, VP00, Vos03, Wal01b, Wau02, WCC⁺07, WADC99, WYLC12, WLYC12, YHL11, YWC11, YX95, YS93, ZGC94, DR94, HSE⁺17, Che10, SD13].
Programs
[AJF16, Beg93b, BkDSh01, BGK08, BGG⁺02, BDL98, BGL00, CSW12, CRE99, CHPP01, CD98, DLB07, DMMV97, DI14, FKKH02, FJK⁺17, GR07, GTH96, GL04, GC05, HC10, HKN⁺01, HM01, KFL05, KL94, KSJ14, KKV01, KSV01, Mar09, MVY95, MOL05, MBE03, MKW11, MCLD01, MJBJ15, NSZS13, NE98, NE01, NPP⁺00d, OM96, PPJ01, RH01, RFG⁺00, SGZ00, SBF⁺04, SR96, TGBS05, Wel94, Wis97, ZLL⁺12, Beg92, Beg93c, Beg93a, BCK⁺09, BPMS03, CRE01, CLg1⁺15, CGL⁺93, CH94, CRM14, CFP96, DKF93, DKF94b, EP96, EPP⁺17, FLB⁺05, FKL08, GGH99, GRRM99, GKS⁺11, GB94, HD11, HZ96, HLOC96, HEHC09, KCD⁺97, KS13, KO14, Kom15, LGKQ10, LLG12, LL16, LBB⁺16, LYSS⁺16, LMM⁺15, LZC⁺02, LCC⁺03, MT96, MdSAs⁺18, Mor95, NBK99, Ob96, OdSSSP12, PES99, PAdS⁺17, RAS16].
progress
[Reu03, RRG⁺99, SSB⁺16, SKS01, SMAC08, SZ11, SR95, SY95, SC96b, TMW17, THH⁺05, UTT09, VVD⁺09, YSVM⁺16, YSMA⁺17, YWW⁺12, ZJMW18, ZQQA11].
Progress [BRU05, LAdS⁺15, SPH⁺18, MLA⁺14, MC94]. Progress-Dependence [LAdS⁺15].
Project [BHK⁺06, BSH15, DHK97, MRV00, ABC⁺00, CDH⁺94].
Promise [Ano93f].
Promotion [OCY⁺15, WBB15].
Propagation [EMO⁺93, ESM⁺94, JML01, SMOE93, KEGM10, RMNM⁺12].
Properties [FGRT00, JL18, MS96b, SPS⁺04].
Proposal [DHHW92, DHHW93a, DFC⁺07, DFA⁺09, ZKRA14].
Proposals [Wal96b].
protected [GH12].
Protein
[RGB⁺18, GAVRRL17, SEC15, ZAT⁺07].
proteins [BHWP⁺12, BBH⁺15, FSM15].
Protocol [CAWL17, GSY⁺13, KL11, LMM⁺15, RA09, XF95, BDB⁺13, CwCW⁺11, DDM99, MN91, MB00, ZP106].
Protocol-based [LMM⁺15].
Protocols [BCH⁺08, DM93, LH98].
Protoplanetary [dLFMBdFM02].
Prototype [An01b, FHP⁺94, MMSW02, BK96, CCF⁺94, KY03, KY05].
prover [Sut96].
Provide [Add01, LMRG14].
Provides [Ano98, Ne93].
Providing [GKP97, Zah12].
Proving [MS96b].
PRS [UCW95].
Pruning [SMM+16]. PS [AMV94]. Pseudo [Wal01a, Lan09]. Pseudo-search [Wal01a]. Pseudorandom [WHDB05]. Pseudospectra [BKGS02]. pseudospectral [Bri95, MRRP11]. PSPVM [BWT96]. Pthread [ZAT+07]. Pthreads [AS14, TS12b]. PTX [iSYS12]. Public [Str94, GWVP+14, Nel93, RST02]. Public-private [Str94]. Puma [BS96b]. purely [HSE+17]. Purpose [BDT08, Che10, Str94, GWVP+14, Nel93, RST02]. PVaniM [BCLN97, TSS98]. PVFS [IRU01]. PVM [AD98, BL94, BDLS96, BDW97, CHD07, CHD09, CD01, DLM99, DML00, Kra02, KKD04, LKD08, McD96, MTWD06, RWD09, Wil94, Ahn97, AS92, ACGR97, ADRCT98, AL92, AGR+95b, AS97, AL96, ARL+94, AKK+94, AP96, Ano94b, Ano95e, Ano96b, Ano96c, ABC95a, ABC95b, ABC95c, AGLv96, BBR99, BF97, BID95, BM94b, BFM96, BFMT96a, CMV+94, CP97, CDJ95, CKO+94, CCK+95, CSPM96, CZ95a, GPGR98, CG93, CD95, CDH95, CDH+95, CF91, CF96, CG96, CG96b, PVM [CSC96, CDM93, CdGM96, CPR+95, CT94a, CT94b, CFP96, CT02, CD98, CTK01, DG95, DFK94a, DMY99, DM95b, DM95a, DP94, DMMV97, DGF97, DFN12, D+91, DGM93, DGM93a, DHP97, DPZ97, EP96, EM94, EGDK92, ED94, EM02, EML98, EML00, ES11, EMO+93, ESM+94, EE97, FMBM96, FD96, FL96, FH95, FHS099, FO94, FSTG99, FJBB+00, Fin97, FD97, FS97, For95, FS93, GRV01, Gal97, GCBM97, GS91a, GS91b, GS92, GS93, Gei93a, Gei93b, GDB+93, GBD+94, Gei96, GKP96, Ge97, GKS97, Gei98, GXX, Gei00, Gei01, GTH96, GB96, GM95, GM95b, GFV99, GGH99, GS96, Gö91, GHL97, Gre95, Gre94, GL97b, GMU95, GLuCY97, HB96a, HB96b, HSMW94, HJ98, Har94, Har95, HBT95, HPS+96, Hem96, HEH98, HTHD99, HVSH95, HH95, HRSA97, Hu96, Hum95, HS95b]. PVM [ITT99, IvdLH+00, IDD94, IKM+01, IKM+02, JAT97, JY97, JML01, JW96, JC96, KBA02, Kat93, KK98, KP96, KMB97, KDL+95a, KDL+95b, KG96, KCP+94a, KCP+94b, KOW97, KMC96, KS96, KZCS96, KS97, KV98, KAHS96, KX92b, LGM00, LB98, LSZL02, LHCT96, wL94, LFS92, LFS93a, LFS93b, LH95, LC93, LY93, LYL93, LW95, LHZ97, LKL96, LDC97, MW98, Man94, MTV96, Man95, MP95, dFMBdF902, MTSS94, MFTB95, MSCW95, MSP93, Mat94, Mat95, MU99, Mat95, MR95, MS96, MS96b, Mic93, Mic95, MT96, MS99a, MS99b, MH94a, MH94b, MRH+96, MS95, MC99, MWO95, Nel93, NP94, Neu94, NBK99, Ney00, NB96, NA99, Nov95, Ob96, Ols95, OPP00, Ott94, OWSA95, PPR01, PK98, PPT96b, PPT96a, PPT96c, POL99, PTO1, PKYW95]. PVM [Per96, Pet97, PTT94, Pla02, PN01, PD98, PY95, PL96, Pus95, QRG95, QRMC96, Qu95, QMGR90, RR00, RS93, Rag96, RS95, RHG+96, RRAG97, Rol94, RGD97, Saa94, SAS01, Sch94, Sch96a, Sch96b, SB95, SF98, SGS95, SS99, SPK96, Sep93, Sev98, Sh94, SA93, SR96, SHH94a, SHH94b, Sm93a, SBR95, SC96a, STT96, SMOE93, SGL+00, SGHL01, SCL97, SSS97, Sta95b, SY95, SYF96, SC96b, Str94, SIK96, Sun90a, Sun90b, Sun92, Sun93, Sun94a, SGD93, Sun96, STMK97, SN01, SCL00, Sun95b, Sut96, SL95, TMTP96, TC94, TBD96, TD98, Tsa95, Uhl94, Uhl95b, UH96, UMK97, VSRC94, VSRC95, VB99, YAT95, WK96, WH94, WCV96, WAS95b, WO97,
Wis96a, WL96a, Wis98, Wis96b, WL96b, WC99, Wu99, WLC07, XWZ96, XF95, YG96, YKI96, ZPL96a. PVM [ZP106, ZB94, Zem94, ZDR01, ZG95a, ZG95b, ZG96, Zol93, van93, Ano95b]. PVM-AMBER [SL95], PVM-Based [WAS95b, FO94, PY95, Sut96, ZPL96, LSZL02, TD98]. PVM-GRACE [YKI96]. PVM-AMBER [ZPI06, ZB94, Zem94, ZDR01, ZG95a, ZG95b, ZG96, Zol93, van93, Ano95b]. PVM-Based [WAS95b, FO94, PY95, Sut96, ZPL96a, LSZL02, TD98]. PVM-GRACE [YKI96]. PVM-Implementation [BJS97, Huc96]. PVM-RPC [KS97]. PVM/C [GTH96]. PVM/MPI [AD98, BDW97, CHD07, CHD09, CD01, DKD05, DLM99, DKP00, DLO03, Kra02, KKD04, LKD08, MTWD06, RWD09, ACGR97, SN01]. PVM3 [IM94]. PVM3/AP1000 [IM94]. PVMaple [Pet00a, Pet00b, Pet01]. PVMe [BR95c, BR95b]. PVMGeant [DZDR95]. PVM-AMBER [ZPI06, ZB94, Zem94, ZDR01, ZG95a, ZG95b, ZG96, Zol93, van93, Ano95b]. PVM-Based [WAS95b, FO94, PY95, Sut96, ZPL96a, LSZL02, TD98]. PVM-GRACE [YKI96]. PVM-AMBER [ZPI06, ZB94, Zem94, ZDR01, ZG95a, ZG95b, ZG96, Zol93, van93, Ano95b]. PVM-Based [WAS95b, FO94, PY95, Sut96, ZPL96a, LSZL02, TD98]. PVM-GRACE [YKI96]. PVM-AMBER [ZPI06, ZB94, Zem94, ZDR01, ZG95a, ZG95b, ZG96, Zol93, van93, Ano95b]. PVM-Based [WAS95b, FO94, PY95, Sut96, ZPL96a, LSZL02, TD98]. PVM-GRACE [YKI96].
Reconfigurable [RKBA+13].
Reconstruction [BM97, DYNT+06, GA96, LSSZ15, OIH10, RAGJ95].
Record [UALK17, CRD99]. Record&Replay [KSV01].
Recovery [SBF+04, BBH+13b, BDB+13, LFS93a, LFS93b, SCSC95, ZW05].
Rectangle [CSW99]. rectified [WBBD15].
Reduction [CRGM16, JE95, BCM11]. Reduction [FKH02, MFPP03, SG12, HL17, JES93a, MLVS16, Pan95a, P07].
Reduction [PWP19]. Redundancy [TS12a].
Redundant [KJ+16]. Reference [GHLL+98, Nag05, SOHL+98, YM97, Ano99a, Ano99c, Ano99b, Ano99d, SOHL+96, Per97, Ano96a].
Refinement [MRB17, Ran05, CLSP07, DLR94]. regions [LFL11].
Regression [RBA17]. Regular [HLP11, NHT02, NHT06]. Reims [MCdS+08].
Relationship [DAN12]. relativistic [BHS14]. relaxation [OKW95].
Reliability [CGZQ13]. Reliable [SE02, Arn95]. Remark [SWH15].
Remedies [ALW+15]. Remo [IEE95h].
Remote [BMR01, HDT+15, IFA+16, OCM+15, Tsu07, WBBB15, AGLv96, FHC+95, GBH14, GBH18, HGMW12, RSC+15, SIRP17, SH96].
Remote-Scope [OCY+15, WBBB15].
Remotely [GgCM99, GgCG001, GCgS98, VLO+08, GGGC99]. Remoting [MGL+17].
Removal [ZZZ+15]. Removing [ZJDW18].
Rendering [GCBM97, LSZL02, SU96, UCW95].
Rendezvous [RA09]. Reordering [Hat98].
Rep arallelization [KBG+09]. Repeated [WH94, Shi94]. Replacement [GHD12].
Replay [CFMR95, HLOC96, UALK17, CRD99, MT96, NBK99, XW+09].
replay-based [MT96]. Replication [WC09, KJ+16, ZJDW18].
Representation [BMRO1, KD12, MDM17, SML17, CCM12].
reproduce [AVA+16]. Reproducible [GL99, HCA16, XW+09]. Requirements [GSBH02, GT07, Ber96, KGB16, LCVD94a].
Research [Ano96d, BR02, MC94, SL94a, SGHL01, Ara95, BPG94, LP00, Oed93].
Reservoir [OWSA95, ZAFAM16, ZO95, Ano95d].
Resident [JDB+14]. Resilient [CGH+14, Gua16, LCMG17, LMG17, MLVS16].
Resolution [MAB05, Str94, BADC07, KN17].
Resolving [Str97]. Resource [BGR97b, BSH15, KK98, SIS17, YSS+17, DZ96, FLD96, NEM17, ZA14].
resource-conscious [ZA14].
resource-restricted [NEM17]. Resources [LSB15, NAW+96, Kos95b, R+92].
Response [BBC+00]. Restart [SSB+05, LMG17]. restarted [dH94].
Restoration [FJB+00]. Restore [Gua16].
restricted [NEM17]. Restructuring [KAMAMA17].
Results [BIL99, BIC05, HSMW94, Wll01a, BR95c, DHS96, VDL+15]. retargetable [KKJ+08].
rethinking [GJLT11]. Retrieval [RL01, MMR99, MRH+96, RTL09].
reusable [LTLC94]. reuse [BVML12, LM94, NAAL01]. Reverse [BGK08, LSB15, LM13, QHCC17]. Review [Ano95b, Ano95c, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b, BDL98, Che10, Mar06, MCLD01, Nag05, Per96, Per97, SD13, Vre04, Stp02, Vog13]. Reviews
Gao03, LFL11, PDY14. scan [AAA16, YLZ13]. scans [NAJ99]. SCASH [SHH10], SCATCI [ART17]. scatter [BCD96, MTK16]. Scattering [BCL00, NZ94, OMK09]. SCF [MM95]. schedule [NAAL01]. scheduler [ADDR95, TCBV10, WRSY16]. schedulers [NP12]. Scheduling [BBH*06, BSH15, CML04, DMB16, EGR15, GDDM17, GSHL02, GHL97, JW96, MJ15, NIO+02, NIO*03, TJPF12, APBcF16, DZ98a, JKN+13, LHCT96, MBKM12, NSBR07, OPW+12, Smi93b, SKK+14, SKB+14, WYL012, WLYC12, YWC11]. Scheme [CTK01, LNLE00, MW98, SBF*04, BBGL96, Bjo95, ORP11, OKM12, SCC96, YPZ95, FM90]. Schemes [PPJ01, WYL12, WLYC12, ZAT+07]. Schmidt [CBYG18]. School [VV95]. Schrödinger [DM12, ON12]. Schrodinger [DM12, ON12]. SCI [FS97, HEH98, HUS00, RR01, ZHS99]. SCIDDLE [ABG+96, AGLv96]. SCIDDLE-PVM [ABG+96]. SCIDDLE-PVM [ABG+96]. Science [EGH+14, IEE95d, MHH93, OBL02, SM07, ACM06a, DWM96, HK93]. Sciences [ERS96, HS94, ZL96, ERS95]. Scientific [AGH+95, APJ+16, BBG*95, DKM+92, DT94, Gat95, GL97a, HJ98, KK02a, LkLC*03, Mar06, Nag05, Sin93, SSB+17, VY02, WN10, Bis04, DW94, SBG+12, TBB12, Ano97, Br97]. scientists [HW91, Str94]. SciPAL [KH15]. SCIPVM [ZHS99]. Scope [OCY+15, BB9B+13, WBB915]. scoping [RLD12, WC15]. Scotsdale [IEE95b]. Scratchpad [JAK17, MB12]. Scripting [Ong02, KPL+12, Nob08]. scripting-based [KPL+12]. SCTP [KPW05, ZP06]. SDK [TK16]. SDSM [CCM+06]. Seamless [KK02a]. Search [BSH15, Cza13, IKM*01, Wal01b, FMS15, IKM*02, Wal01a, ZSK15, CB11]. Searches [BSG00]. Searching [JPT14, MM01, BA06, Wal01b]. Seattle [ACM05, BS94, LCK11, Ost94]. Second [An00b, BL95, DT94, DE91, IEE94d, IEE96d, IEE96i, LHLM96, Tou96, Vol93, WPH94, ACM97a, Ano99a, Ano99b, BFM96, DWM96, FR95, KN17, Li96]. Second-Order [BL95, KN17]. Secondary [WHDB05, SEC15, ZAT+07]. section [Ano93b, DKD08]. segment [FJZ+14]. segment-based [FJZ+14]. Segmentation [KBA02, AD95, CUC95]. Seidel [BG95, LM99, Ols95]. seismic [AMBG93, KL95, KEGM10, LM13, QHCC17, RMNN*12, SSS99, WCVR96]. Seismograms [DP94]. Select [KDKV03]. Selected [DHS96, MTW07, OL05, TB14, CHD09, Cha05, DKD07, JC17]. selecting [PTL+16]. Selection [CKmWH16, SN19, PGB+07, WKS96, ZW+17]. Selective [Nak03]. Self [NSS12, SLJ+14, TGT10, VFD02, NSBR07, WYL012, WLYC12, YWC11]. Self-Consistent [TGT10]. self-scheduling [NSBR07, WYL012, WLYC12, YWC11]. Self-Submitting [NSS12]. Self-Tuning [SLJ+14]. Semantic [MTU+15, DFK94a, OA17]. Semantically [MKW11]. semantics [RNPM13]. Semaphore [TT97]. Semi [CT94a, Bjo95, PSLT99, TC94, CT94b]. semi-coarsening [PSLT99]. semi-implicit [Bjo95]. Semi-Lagrangian [CT94a, TC94, CT94b]. Semiconductor [GJN97, Ano93a, LS10]. Seminar [Ano94f, Ano93h]. Send [GPC+17]. Sender [BCH+03]. Sensed [GGCM99, GGCG01, GCGS98, VLO+08, GGCG99]. sensitive [GKCF13]. Sensitivity [dLR04]. Separable [Ben01, CgDM96]. September [Abo96, AD98, Ano93a, Ano93b, Ano95a, Bos96, BP93, BHK95, CLM*95, CHD07, CJNW95, CD01, CDN11, DK05, DK07, DLM99, DKP00, DLO03, EJL92, FK95, FR95, GHH+93, IEE93d, IEE94c, JPT94, KGRD10, KRA02, KKD04, LKD08, MAL95, ...]
MTWD06, OL05, PSB+94, RWD09, SPH95, SM07, TBD12, VV95, VW92, WPH94, YH96.

Sequence
[GMU95, SM+16, AMHC11, TSZC94], sequences [GÁVRR17, SdM10].

Sequencing [VPS17]. Sequential [EK97, RPM+08, GG[H99, SR95, TNIB17, TSZC94].

Serial [SWH15, HPS+96, HWS09]. serialization [CFKL00]. Serialized [KH10]. Serielles [BL94]. Series [Nag05, BR94]. Server [Ano93f, FSLS98, KS97, Mat01b, Sch93, Sto98, Vis95]. Servers [CGC+02, SIS17, GK97]. Service [RFG+00, LS08, SPK+12]. Services [FC05, AAC+05, ZKRA14]. Session [NYNT12, ZL96]. Set [BDA+18, SW12, WL96a, Ano00a, She95, WL96b]. Sets [SG12, CGL+93]. setting [GL95a]. Setup [NSLV16]. Seventh [BBG+95, HS94, IEE93b, IEE95g, IEE96h, Eng00, Y+93]. several [GBR15]. SGI [Che99, CML04, KMG99, LB96, LL01, LKJ03, LS04, TW12, ZSaH01].

SGI/CRAY [Che99]. SGI/CRAY-T3E [Che99]. shadow [SOA11]. shallow [dIAMC11, dIAMCFN12]. Shane [SD13].

Shanghai [IEE97a]. SHARE [Ano92, Ano93f, Ano94g]. Shared [BAC+06, BME02, Bri10, DM98, DBG16, FKH02, FB94, GB96, GLRS01, HC10, HDB+12, HT01, KB98, KSH01, LRT07, Luo99, MBE03, MCD+08, Müi02, NPP+00d, PBK00, Pok96, Ps00b, Ros13, SS01, STY99, ST02b, Thr99, VSO0, VTF97, ABC95a, ABC95b, ADMV05, BMG07, CBP02, Cha96, CCM+06, CC00b, DBVF01, DS96b, DPZ97, EV01, GCN+10, GL96, GL97c, HS93, HDB+13, JE95, KJA+93, KC06, LKL96, MLK04, PK05, RGD15, SHH01, SL94b, SFL+94, SSC96, TSY99, TSY00, Vos03, WMRR17, WRMR19, YWO95, YX95, Cha05].

Shared-Memory
[DM98, HDB+12, NPP+00d, Pok96, Thr99, PS00b, ABC95a, ABC95b, BMG07, GL96, GL97c, KJA+93, PK05, TSY00]. Sharing [Att96, CML04, CB16, DiN96, JAK17, KK98, JE95, Ott93, PRS+14], shear [JAT97].

ShearLab [KLR16]. Shearlet [KLR16]. SHMEM [BBD14, HS01, LSK04, Sch96a, Sch96b, S801]. Short [KBM97, MH01, BMPZ94a, PARB14].

Short-Range [KBM97, MH01, BMPZ94a, PARB14].

Shorter [NB96]. Showcase [USE00]. SHPCC [IEE92]. SHPCC-92 [IEE92].

SIAM [BBG+95, DKM+92, Sin93]. Side [kLCCW07]. Sided [BPS01, GFD03, GFD05, GT01, HDB+12, LRT07, MH01, MB00, TGT05, TRH90, ZSO12, bT01a, BM00, DBG16, GBH18, LS04, MS99c, PGK+10, GBH14]. SIGCSE [ACM06a]. Signal [IEE95c]. Signatures [Gro00]. significance [AMHC11]. silent [FME+12]. silicon [Ano03, Goe02]. SIMD [BvdB94, HS95b, KDT+12, LL16, Sur95b, VSW+13]. Simple [MSF00, Miü01, SC04, ITT99, JH97, Nes10, PNV01]. simulate [Heb93]. Simulated [BHM94, BH96, FH97, RSTB95].

Simulating [DLM+17, KDL+95b, KDL+95a, NFG+10].

Simulation [CDMS15, CCBPGA15, DMMV97, DZDR95, GSI97, GM95, GJN97, Ham95a, JML01, KKM97, KMK16, LLRS02, MFTB95, MP04, MANR90, PCY14, PKYW95, PZKK02, RR00, RDMB99, SSAS12, Str97, Ten95, UZC+12, ZZ04, ZWJ90, dIAMC11, Ano95d, ADR+05, BJ95, BCM+16, BH95, BMPZ94b, CwCW+11, CSM+96, DSOF11, FHSO99, FO94, FLPG18, FFFC99, GRTZ10, JAT97, JLS+14, KTJT03, KMC96, KMC97, LCVD94b, LCVD94a, LYZ13, MMW96, MALM95, NB96, NF94, OKM12, PARB14, PY95, RFH+95, SWYC94, SPS+94, SM15, Str96, Syd94, Tho94, YPA94, YEG+13, YSL+12, Eng00]. Simulation-Based
Simulations
[XWJK05]. Simulations
[CGS15, CNM11, DFM09, DIO2, GAP97, HLP11, HFI14a, HFI14b, KT02, Kha13, NH95, RTRG+07, SM02, YPAE09, AD014, ABG+96, BHS18, BAD07, CFF19, GM18, Hn11, JMS14, LS10, LSVMW08, RMNM+12, U96, TOC18, WWFT11].

Simulator
[CA112, MRV00, UT02, WPC07, AMV94, LS10, PWD+12, WZS08, ZAFAM16, ZZ95, KTJ03, Nak03, Nak05a, Nak05b]. Simulators [SB05, AVA+16]. Singapore [IEE96d]. Single [BM00, HFI14a, HFI14b, MB00, URK12, AGIS94, KKLI11]. Single-Chip [URK12]. Single-sided [BM00]. single/multigrid [AGIS94].

singleton [TVCB18]. Sinks [JPT14]. Sites [Ano98]. Sixth

HK95, IEE96c, MMH93, SW91]. size

[GKCF13]. sized [JLS+14]. Sizes

[DAL18, ZSH01]. SKalMPI [KRS99, RSPM98, RH01, Reu01, RST02, Reu03].

Skeleton [SM91]. Skeleton [JPT14]. Sites [Ano98]. Sixth

HK95, IEE96c, MMH93, SW91]. size

[GKCF13]. sized [JLS+14]. Sizes

[DAL18, ZSH01]. SKalMPI [KRS99, RSPM98, RH01, Reu01, RST02, Reu03].

Skeletons [YMY11]. socket [LS10]. Softshell

[SKK+12]. Software

[Ano94i, BME02, BPG94, BDG+xx, C95b, ESB13, FFP03, GFB95, Gre95, HPR+95, HS94, HHA95, IEE95l, IEE96h, IEF95, KSI15a, KC94, KAMAMA17, KG93, LB16, MBE03, NPS12, Ost94, PZ12, Sil96, TDBEE11, VdS00, W092, Ano97, B4C99, Boi97, Bra97, BR94, CMV+94, CBPP02, DP97, Hum95, JH97, JB96, LM94, MK94, Neu94, Old02, PAH10, PK05, PGK+10, RAS16, SHHI01, Sch94, Sei99, SPP95, Str94, ZGN94, Ano94i, KG93, Sil96].

Software-Managed [LB16]. Solan

[CGB+10]. Solaris [Ano01a]. solidification [JLS+14]. solids [Hn11]. Solution

[DWL+10, FBS01, HO14, MC18, RPM+08, SER+16, Tsu12, VR50, DWil+12, IM95, JK10, LSR95, MAL95, ON12, PRS+14, SC96a]. solutions [AGIS94, LGM17]. Solve

[Hog13, Riz17, BAV08, Che99, GGGC99]. Solver

[Ben01, BF98, CFO1, HSMW94, IDD94, LZ97, SJK+17a, SJK+17b, WJB14, YK+18, AMS94, CP15, CF19, DM12, JR10, LMF99, L95, OGM+16, RM99, SRK+12, SCC95, THM+94, ZG+14].

Solvers [DFN12, DAL18, GK10, MS97, N002b, N903, NHT02, NLH07, QRMG96, R97, WR01, AFB+17, ADL03a, ADL03b, ADDR95, BR99, CL93, DR18, MKP+96, MS95, N002a, N905a, N905b, NHT06, PR94c, QRG95, SSH08]. Solving

[ADRT98, BHM94, BMH96, BV99, BG95, BDG+92c, BSH15, DAL18, GFFG12, Huc96, LLY93, MS02a, N94, SAS01, SP11, SD99, BB95, DMY4, HHA95, LBB+16, LYS+16, MM11, SSB+16, SMSW06, YSM+16, YMAS+17]. SOM [GKLy97].

Some [BDT08, M101, P97, AL92, NN95, RBST95]. Sopron [VV95]. Sorrento

[DKD05, DKD07]. sort [KVGH11, PSHL11]. Sorting

[LTS16, BJ96, PSHL11]. Sound

[SG12]. Source [BGG+15, MM07, AC17, AVA+16, NCB+17, N080, PSK+10].
[LMG17]. Storage [ACM04, Hol12, LCK11, HP11, NFG+10, RGGP+18, ZJDW18]. stores [HSP+13]. straight [YULMTS+17].

Strategies
[MM02, BVML12, CG99a, DBVF01, MM03, OPW+12, PSK08, TSZC94, VB99]. Strategy [ADM97, DI02, Hat98, VPS17, ZB94, ZSG12, DKF94b, DR95, MSL12]. strayed [Rol08a]. stream
[HSW+12, UGT09]. Streamline [GCG+11]. streams [TVCB18], StreamScan [YLZ13].

Strength [Kon00]. String [KMM15, MM02, MM03]. striped [KDSO12]. Strongly [GAP97, ZZG+14].

Structural
[CBL10, LAFA15, SYF96, WHDB05, EPM19, SEC15, SY95, ZAT+07].

Structured [FB96, Mar06, MRB17, NLHR07, Ran05, Bis04, CLSP07, FR95, GBR15, JAT97, Smi93b]. Structures
[GMPD98, JY95, KA95, OKW95, SHPT00, WB96, YPA94]. studies [DHP97]. Study
[AIM97, BF01, BHL+95, DARG13, EGC02, FPY08, GL79a, HHC+18, KCR+17, LSB15, MM02, NSL16, NA01, PK05, RRB10, SCL01, TG94, AGR+95b, BJ13, BDA94, BJ99, BY12, Br00, CBM+08, DXB96, ED94, F094, JR13, KBG16, LPD+11, LLH+14, MS96b, PSK08, PK+10, PSHL11, RSBT95, RJC95, TDP15, Wal01b, WLK+18, ZSK15]. Stuttgart [KGRD10, WPH94].

style [JPO12]. sub [MJG+12].

sub-communicators [MJG+12].

subcircuit [HLO+16]. subdomain [CEGS07]. subdomains [SHHC18].

subgroup [XLW+09]. Submitting [NSS12].

Subrange [Str97]. Subroutine [Saa94].

subroutines [dCH93], subsurface [ED94]. subsystem [BMG07, MAB96].

Subsystems [STMK97]. Subtle [SAL+17].

Success [Gro01b, LF+93a]. Successes [Gro01a]. Successful [Gro12]. suffix

[DK13]. Suitability [Mat01b], suitable [MAS06]. Suite [ACMR14, AKE00, BWV+12, MBB+12, Riz17, Ano03, BO01, MvWL+10, TG09, YSW14, SNMP10].

Suites [MC500, SJG+03]. summation [IHM05]. Sums [ST17, MYB16]. SUN
[BMM00, SJ02, WSSN99]. Sunnderan [Ano95b]. Super [Gua16, YX95].

Super-Object [YX95]. Supercomputer
[Ano93a, CLP+99, Str94, AAC+05, BHH+05, EFR+05, GL96, GL97c, KMH+14, NMM12, Ste94, GS91b, MAB05]. Supercomputers
[BP93, BDG+92c], EKTBB99, KN17, WT11].

Supercomputing
[AC96b, ACM04, ACM05, BDG+91b, HK93, IEE91, IEE93e, IEE94h, Lin95, Sch94, ACM94, ACM96c, Ano93g, BG91].

superlattice [Pri14]. superscalar [ACJ12].

Supersonic [CCBPA15]. Support
[Ano98, BBG+10, BFBW01, CFF+94, DMMV97, FGRD01, GRV01, GOM+01, HRSV97, LMRG14, MK04, OP98, PSM+14, RR02, SDN99, SBT04, TW01, Wis98, Wis01, YSP+95, BBH...].

Survey [Sap97]. Survive [ABB+10].

sustainable [CGBS+15]. SVD [CMH99].

Swan [HD11]. Swapping [SC04]. Sweden
[Eng00, HAM95b, FF95]. Swendsen
[KO14, Kom15]. Switch [SCL01, TBD96].

Switched [LC93, KYL03, KLY05].

SWITCHES [DT17]. Switzerland
[GT94, Ano94i, IEE97b]. SX
[HRZ97, TRH00]. SX-4 [HRZ97]. SX-5
Sydney [Bil95], Sylvester [GK10], Sylvester-Type [GK10], Symbolic [CKC12, Coo95b, Ste900], YYW+12, ACM97a, BHK95, Coo95a, Lev95, LGKQ10, LLG12, SMAC08.

Symmetric [BDV03, MDM17, YKW+18, BAY08, DCH02, GG99], Symposium [ACM95b, ACM96a, Ano94a, Ano95d, BG91, DE91, HHK94, IEE93c, IEE93b, IEE94a, IEE94c, IEE94g, IEE95c, IEE95d, IEE95k, IEE95f, IEE95g, IEE96b, IEE96c, IEE96f, IEE96e, IEE97b, IEE97c, IEE05, LHHM96, Li96, NM95, Ost94, SL94a, Sie94, Sie92a, Sie92b, Ten95, Tou96, USE94, UCW95, ACM97a, ACM06a, Ano93a, Ano94h, Lev95, Old02]. synchronisation [SDB+16].

Synchronization [LA02, OCY+15, TGT05, BMG07, LA06, TMTP96, YLZ13].

Synchronizing [VT97]. Synchronous [Ada97, BJ13, Cer99, DLRR99, HZG08].

Synergia [SSA92]. Synergistic [UGT09].

Synthesis [CS14, GWC95]. synthesized [MC17]. Synthesizer [DS16]. Synthesizing [AJF16, NP12]. Synthetic [CC17, DP94].

Syracuse [IEE96f], SYSMO [MM95].

System [Ada97, AJ97, AH00, BG95, BDG+xx, BL95, BF97, BGD12, CAM12, CCG+02, DBA07, DALD18, ERS95, ERS96, EK97, FBD01a, FBVD02, FFP03, Fis01, Gal97, GCBM97, GS01b, GS02, GSxx, GM95, Gre95, HS94, KBA02, LLRS02, LTR00, LLY93, Maf94, MRV00, MM02, MSF00, MMH98, MSS07, MMH93, NPP+00d, NMS+14, Oed93, PPT96a, RGD97, SGJ+03, SSB+05, SCP97, SA93, ST02b, Sun93, TSS00b, Tsu07, UP01, Wils93, ARS89, AS92, AL92, BB94, Bri95, BHH+15, DL10, FNSW99, FK94, GS91a, GS93, GS96, GMU95, GlLY97, HGDG99, Hum95, H95b, IBC+10, ITT99, JH97, JLS+14, KW14, Kik93, LB9+96, LKL96, LL95, MA09, MMR99, MMB+94, MAS05, MM11, MS99b, MALM95, NAJ99, PPT96b, PPT96c, PK05, RJDH14, RTL99, SHHI01, SL94b, Sei99, SPL99]. system [SGDM94, Sun96, Sur95b, VSRC94, VSRC95, WCC+07, WZWS08, YPZC95, YZPC95, ZL96, ZPLS96, ZWZ+95, dCZG06, AL93, NMW93, Yan94]. System-Initiated [SSB+05]. system-on-a-chip [dCZG06].

System/6000 [AL93, NMW93]. Systeme [GBR97, GEW98]. Systems [AAB+17, Ano94b, Att96, BCGL97, BGBP01, BME02, BPG94, Bha93, CDJ95, CAWL17, CFF+94, CSW97, CJNW95, Coo95b, FD96, FGKT97, Fos98, Gua16, HRS97, IEE93d, IEE94d, IEE95a, IEE95i, IEE96b, KKH03, KP96, KDL+95b, KCR+17, KS97, LY93, LW97, MWG97, MB03, MJB15, MBB+12, SM03, SGS10, SS96, T16, THN00, USE94, YGH+14, YH96, ZB97, dGJM94, AGR+95b, ACMZ11, ATL+12, Ano94e, BBB+94, BAV08, CKO+94, CLY16, CBPP02, Coo95a, CPR+95, DF17, DR94, DBVF01, DvdLVS94, FHB+13, GBR97, GCM+10, GEW98, GKK09, GKF13, Gra09, GFPG12, GH9+93, HHA95, IM95, JB96, JMJ+11, KSG13, KHB+99, KLV15, KDL+95a, KFSS94, LR06b, LH98, LCVD94b, LH+14, MSL12, MvW+10, Oed02, OPW+12, Pan95b, Par93, PSB+19, QB12, SSKF95, SCJH19, SP95, SVC+11, Smi93b, SG14, SMSW06, SLN+12]. systems [Sun94b, TBB12, TMW17, TVCB18, TSP95, WCS+13, WWZ+96, WADC99, WYLC12, ZL96, ZGC94, dh94, dLAMC11, dLAMCF12, JW96]. Systemsoftware [Sei97]. systolic [BSC99].

T3D [AZ95, AFST95, CCMS97, HWW97, MP95, MWO95, Oed93, Sch96a, Sch96b, SCC95].

T3E [BBS99, Boo01, Che99, GRRM99, LSK04, RBB97c]. T3E-512 [RBB97c].


Talbot [ACMR14, Riz17]. Tapir [SML17].
targeting [JKM+17]. Task
[ADH12, AAB+17, FKKC96, GDDM17,
GPC+17, IOK00, KOI01, LHCTR96, Mar03,
MJB15, NIO+02, NIO+03, NSZS13, NJ01,
OP10, OS97, SGZ00, SPL+12, TBS12, TS12a,
YKW+18, APBeF16, ABF+17, BGH+05,
GKFC13, OdSSP12, OPW+12, OPP00,
RRFH96, RFRH96, SKB+14, WC15].
Task-Based
[ADH12, AAB+17, SPL+12, SKB+14].
Task-Overlapped [GPC+17].
Task-Parallel
[NSZS13, APBeF16, ABF+17].
Taskers [FLD96].
Tasking [DFA+09, KaM10,
SHM+10, TCM18, TSCam12, WC15].
Tasks
[ACD+09, DT17, DFA+09, JW96, OP98,
PWPD19, RR02, RDLQ12, YSS+17, BS01,
DDYM99, DR95, FKK96b, FKK96a,
IvlDH+00, PKE+10, PWPD19].
TAU
[MMS07, RMS+18].
taxonomy [SPH96].
TBSCM [BP98].
TC2 [Boi97].
TCGMSG
[GB96, Mat94, Mat95].
TCP [KPW05].
TD [And98].
Teaching
[MK00, JY95, MK97, PKB06].
Technical
[Ano93c, Ano98, MC94, USE95, ACM06a,
SM18].
Technique
[BCD+15, HC06, HAA+11, MK17, HC08,
Nes10, RBB17, MAIVAH14].
Techniques
[CP97, GS02, Mi101, SAL+17, SPL+12,
TGBS05, Wis01, BPC94, Fer04, FCS+12,
HKMCS94, JKN+13, KBG+09, NFG+10,
PF05, SKS01, WST95].
technologies [Ma15].
Technology
[Ano97, Bra97, CGB+10, CSV12, Dan12,
GN95, HS94, PWP+16, SBT04, TBG+02,
Ano93a, Ano93c, D+95, DM12, IEE94c,
NS16, ZAT+07].
Tekniska [Eng00].
Telegraphic [ES11].
TELMAT [BR94].
temperature [Hin11].
Template
[GS97, PKB06].
Templates [BN12, KH15].
Tennessee [PR94b].
terabyte [KTTJ03].
Terabytes [IEE02].
teraflops [KTTJ03].
Terms [KD12].
Tessellation [SS09].
Test
[SNMP10, TG09, AAAA16, CPR+95, GL92].
Testbed [Mat01b, EGH99, PY95].
Testing
[CCK12, DFK94b, Ost94, VdS00, CMV+94,
DKF93].
Testsuite [WCC12].
Texas
[ACM06a, IEE94b, IEE95l, IEE95g, IEE97c,
Y+93].
Text
[LTR00, MM01, RLL01, RTL99].
Textbook
[Ano98].
textual [WKS96].
texture
[HE15].
TFETI [SHHC18].
TH [CFDL01].
TH-MPI [CFDL01].
Thakur [Ano00a].
Their [Bru12, GOM+01, RG18, GSMK17].
theorem
[Sut96].
Theory
[GK10, BW12, CBH94].
Thera [CD01].
Think
[HCA16].
Third
[BP94, Bos96, DCM94, GA96, IEE94g,
SM19, Was96, BDL96, Mal95, IEE97c].
Thirty
[Y+93].
Thirty-seventh
[Y+93].
Thousands
[PZKK02, BMS+17].
Thread
[AELGE16, BB18, ETWam12, GOM+01,
GT07, Nit00, Pla02, STY99, HK09, IDS16,
JKN+13, SPH96, SLN+12, YZ14].
Thread-Level
[AELGE16, HK09, YZ14].
Thread-Safe
[Pla02].
Thread-safety
[GT07].
Threaded
[BBG+10, MG15, Ada98,
EBK01, SCB15, SVC+11, TSY99, TSY00].
threaded-MPI
[SVC+11].
Threading
[BHV12, MLGW18, SBT04, TBG+02,
KPO00, KRG13, QB12, ZAT+07].
Threads
[CP98, LD01, Lee06, BS01, MVTP96,
ALW+15].
Three
[Car07, GA96, Nak05b, Ram07, SAS01,
GSMK17, LSSZ15, Mar05, PR94c].
three-Dimensional
[GSMK17].
Three-Dimensional
[GA96, LSSZ15, PR94c].
Three-level
[Nak05b].
Throughput
[Tsu07, ESB13, PP16].
Tightly
[SS09].
Tightly-Coupled
[SS09].
Tilewise
[KS15b].
Time
[BL00, FHK01, FSSD17,
GSHL02, GOM+01, HO14, KFL05,
MFTB95, OP98, SCL01, SS96, TSP95, UP01,
YGH+14, AL96, CDMS15, DLR94, DM12,
Fer04, FLB+05, FKL08, GB94, HE13,
JE95, KC94, KPL+12, LHLK10, LBB+16,
LYSS+16, LM13, MMW96, NZZ94, ON12,
SBW91, SSB16, SK92, SRK+12, TSY99, Tho94, TV96, TCBV10, Uhl95c, VMD4, YSVM+16, YSMA+17, ZWZ+95, SKD+04.
time-dependent
[DM12, LBB+16, LYSS+16, ON12, SSB+16, YSVM+16, YSMA+17]. time-domain
[HE13, NZZ94, Ram07, VM94].
time-independent [CDMS15],
time-varying [Uhl95c].
times [MLVS16, NB96, SSS99].
time [Ols95].
tips [Fer04]. TLM [SC96a].
TTM [GGCM99, GCGS98, KHS01].
TN [DT94, BR94].
TOD [GPC+17]. TOD-Tool
[GPC+17]. today [IEE94c].
Topsplit [BV99, BAY08].
Tolerance
[GKP97, GL04, LMRG14, LNLE00, RPM+08, TS12a, WC09, WIl93, SG05, ZHK06].
Tolerant [BCC+02, BCH+03, BHK+06, CF01, CFDL01, FD00, FBDo1a, FBVD02, FD02a, FD04, GBF+03, IEE09c, JSH+05, MSF00, BCH+08, FBDo1b, FDD02b, HG12, LMG17, LS08, NCB+12, NCB+17, PKD95].
Tomographic [Pat93]. tomography
[FWS+17, RCF96].
tomorrow [IEE94c].
Tool [An01b, Beg93b, BFMT96b, DW02, GSN+01, KAMAMA17, KSJ14, KKP01, LMRG14, MMSW02, MK04, NE98, SR96, SGL+00, Tra12b, VBB18, WL96a, AGG+95, BDP+10, Beg92, Beg93c, Beg93a, BDY99, BFMT96a, BHU+12, CPR+95, DFR94a, FSTG99, HPR+95, HD11, LCC+03, MiSAS+18, RMS+18, TSS98, WL96b, WL96b].
Tool-Set [WL96a].
Toolbox
[An97, Bra97].
Toolkit
[An12, LC07, LC13, SL96]. Tools
[ABC+00, BDG+91b, BDG+93a, BS96a, BDL98, BoFBW00, Cha05, CDD+96, DT94, EV01, GMPD98, MHC94b, MCLD01, PKB01, STMK97, VOS03, Wan97, AVA+16, BDG+92a, BF1M99, Fan98, GFB95, LH98, MSW+05, MHC94a, ZL96].
Tools-supported [CDD+96]. Top
[AHP01, Gal97, Hsu01, Man01, PTH+01b, Ser97, BBCR99, PTH+01a, SSC96, SCL97, CCHW03].
TOP-C [CCHW03]. ToPe
[JKM+17]. topologies [BCM+16, MK00].
Topology [DK06, Hat98, HM01, Tra02a, GJMM18, HRR+11, MBBD13, SPK+12].
topology-aware [MBBD13].
Topology-Based [HM01]. TOPPER
[KKP01].
Toronto [GFK+93, Vos03].
Torus [SG15].
Townsend [DT94]. TPVM
[FS95, FS98].
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